## 1 Table Containing all Esterel Project Files (\*.etp) with corresponding RootNodes

This table contains a list of all the \*.etp files, from the modeling repository found at https://github.com/openETCS/modeling.git with the hashtag 88f88a783f5f33bbcb3639f4510ea2c3ee53354b, with their corresponding root node if configured in the \*.etp project file. This table is then used as an input for the code generation and compilation. The output logs from those process for each project file are available in the corresponing folder inside https://github.com/openETCS/modeling/tree/ master/model/validation.

| Project Name With Path  | Root Node Name | Obtained |
|---|----------------|----------|
| \modeling\model\Scade\System\APITypes\ APITypes.etp   |                | Manual   |
| \modeling\model\Scade\System\BaliseLib\ BaliseLib.etp   |                | Manual   |
| \modeling\model\Scade\System\DMI_ Control\DMI_Control.etp   |                | Manual   |
| \modeling\model\Scade\System\DMI_ Control\SCADE Display\Widgets\D\D_ behavior\D_behavior.etp  |                | Manual   |
| \modeling\model\Scade\System\DMI_ Control\SCADE Display\Widgets\ DistanceToTargetBar\DistanceToTargetBar_ behavior\DistanceToTargetBar_behavior.etp |                | Manual   |
| \modeling\model\Scade\System\DMI_ Control\SCADE Display\Widgets\Gradient\ Gradient_behavior\Gradient_behavior.etp                                   |                | Manual   |
| \modeling\model\Scade\System\ETCS_<br>Language\S026_7\S026_7.etp  |                | Manual   |
| \modeling\model\Scade\System\ETCS_<br>Language\S026_8\S026_8.etp  |                | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\ETCS_Messaging\ TrackMessages\TrackMessages.etp  |                | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\manageData\manageDMI\ manageDMI.etp  |                | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\manageData\manageTIU\ manageTIU.etp  |                | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\ManageLevelsAndModes\ Levels\Levels\Levels.etp   | ManageLevels   | Auto     |
| \modeling\model\Scade\System\ ObuFunctions\ManageLevelsAndModes\ Level_And_Mode_Types\Level_And_Mode_ Types.etp                                     |                | Manual   |

| Project Name With Path  | Root Node Name   | Obtained |
|---|--|----------|
| \modeling\model\Scade\System\ ObuFunctions\ManageLevelsAndModes\ ModeAndLevel_Integration\ModeAndLevel_ Integration.etp   |  | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\ManageLevelsAndModes\ Modes\Modes.etp  |  | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\ManageLevelsAndModes\ ModesAndLevels\ModesAndLevels.etp  |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\BG_Types\BG_Types.etp   |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\CheckBGConsistency\ CheckBGConsistency.etp  | CheckBGConsistency_<br>Pkg::CheckBGConsistency           | Auto     |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\CheckEuroRadioMessage\ CheckEuroRadioMessage.etp                                      |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\InformationFilter\ InformationFilter.etp  | InformationFilter_<br>Pkg::InformationFilter             | Auto     |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\InformationFilter\Test\ InformationFilterTest.etp                                     |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\Manage_ TrackSideInformation_Integration\Manage_ TrackSideInformation_Integration.etp |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\Receive_TrackSide_Msg\ Receive_TrackSide_Msg.etp                                      | Receive_TrackSide_Msg_<br>Pkg::Receive_TrackSide_<br>Msg | Auto     |

| <b>Project Name With Path</b>  | <b>Root Node Name</b>                                  | Obtained |
|--|--|----------|
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\trackSide_TestGenerator\ trackSide_TestGenerator.etp       |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ BaliseGroup\ValidateDataDirection\ ValidateDataDirection.etp           |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ MLRI_Integration\MLRI_Integration.etp                                  | MLRI_Integration_<br>Pkg::LocationRelatedInform        | Auto     |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ MLRI_Types\MLRI_Types.etp  |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ TrainPosition\BasicLocationFunctions\ BasicLocationFunctions.etp       |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ TrainPosition\CalculateTrainPosition\ CalculateTrainPosition.etp       | CalculateTrainPosition_<br>Pkg::calculateTrainPosition | Auto     |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ TrainPosition\CalculateTrainPosition\ctp_t\ ctp_t.etp                  |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ TrainPosition\ProvidePositionReport\ ProvidePositionReport.etp         |  | Manual   |
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ TrainPosition\TrainPosition_Integration\ TrainPosition_Integration.etp |  | Manual   |

| Project Name With Path   | Root Node Name          | Obtained |
|--|-------------------------|----------|
| \modeling\model\Scade\ System\ObuFunctions\ ManageLocationRelatedInformation\ TrainPosition\TrainPosition_Types\ TrainPosition_Types.etp |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\Obu_BasicTypes\Obu_ BasicTypes.etp  |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\Procedures\Procedure.etp  |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\Radio\API_RadioOutput\ API_RadioOutput.etp  |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\Radio\Handover\RBC_ Handover\RBC_Handover.etp   |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\Radio\MoRC\MoRC.etp   | MoRC_Pck::MoRC_<br>Main | Auto     |
| \modeling\model\Scade\System\ ObuFunctions\Radio\MSRM (Manage Sending Radio Messages)\MSRM (Manage Sending Radio Messages.etp            |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\ CalcBrakingCurves\CalcBrakingCurves.etp                                      |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\ SDM_CalcOfDecelerations\SDM_ CalcOfDecelerations.etp                         |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\SDM_ Commands\SDM_Commands.etp  |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\ SDM_ReleaseSpeed_Selection\SDM_ ReleaseSpeed_Selection.etp                   |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\SDM_ TargetLimits\SDM_TargetLimits.etp  |                         | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\SDM_ Types\SDM_Types.etp  |                         | Manual   |

| <b>Project Name With Path</b>  | Root Node Name                | Obtained |
|--|-------------------------------|----------|
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\ SpeedSupervision_Integration\ SpeedSupervision_Integration.etp |                               | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\SpeedSupervison\ TargetManagement\TargetManagement.etp                          |                               | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\TrackAtlas\TrackAtlas.etp   |                               | Manual   |
| \modeling\model\Scade\System\ ObuFunctions\TrackAtlasTypes\ TrackAtlasTypes.etp  |                               | Manual   |
| \modeling\model\Scade\System\OBU_<br>for_ITEA-Review\PositionSimulation\<br>Testbench_Suite\Testbench_Suite.etp            | ROOT_<br>testBenchIntegration | Auto     |
| \modeling\model\Scade\System\OBU_<br>Integration\openETCS_kernel.etp   |                               | Manual   |
| \modeling\model\Scade\System\OBU_<br>PreIntegrations\BaliseRadioLocation\<br>BaliseRadioLocation.etp                       |                               | Manual   |
| \modeling\model\Scade\System\OBU_ PreIntegrations\openETCS_EVC\ openETCS_EVC.etp   |                               | Manual   |
| \modeling\model\Scade\System\OBU_ PreIntegrations\TestBenchExample\ TestBenchExample.etp                                   | TestExample::ROOT_<br>Test    | Auto     |
| \modeling\model\Scade\System\OBU_<br>PreIntegrations\Testbench_Integration\<br>Testbench_Integration.etp                   |                               | Manual   |
| \modeling\model\Scade\System\OBU_<br>PreIntegrations\Toolbox\Toolbox.etp   |                               | Manual   |
| \modeling\model\Scade\System\RBC-<br>System\RBC-System.etp   |                               | Manual   |
| \modeling\model\Scade\System\ TracksideDynamicModel\BaliseLib\ BaliseLib.etp   |                               | Manual   |
| \modeling\model\Scade\System\ TracksideDynamicModel\TestTracks\ UtrechtAmsterdam_oETCS\ UtrechtAmsterdam_oETCS.etp         |                               | Manual   |
| \modeling\model\Scade\WorkArea\ Group2\CheckMessageConsistency\Scade\ Dispatcher\Dispatcher.etp                            |                               | Manual   |

| Project Name With Path  | Root Node Name | Obtained |
|---|----------------|----------|
| \modeling\model\Scade\WorkArea\Group2\ CheckMessageConsistency\SysML\ ReceiveMessageAndCheckConsistency\ ReceiveMessageAndCheckConsistency.etp    |                | Manual   |
| \modeling\model\Scade\WorkArea\Group2\<br>Scade\System\ETCS_Language\S026_7\<br>S026_7.etp  |                | Manual   |
| \modeling\model\Scade\WorkArea\Group2\<br>Scade\System\ETCS_Language\S026_8\<br>S026_8.etp  |                | Manual   |
| \modeling\model\Scade\WorkArea\ Group2\Scade\System\ObuFunctions\Obu_ BasicTypes\Obu_BasicTypes.etp   |                | Manual   |
| \modeling\model\Scade\WorkArea\ Group2\Scade\System\ObuFunctions\ ReceiveMessages\Receive_Messages_ Integration\Receive_Messages_ Integration.etp |                | Manual   |
| \modeling\model\Scade\WorkArea\ Group2\Scade\System\ObuFunctions\ ReceiveMessages\RM_Types\RM_Types.etp   |                | Manual   |
| \modeling\model\sysml\dataDictionary\ dataDictionary.etp  |                | Manual   |
| \modeling\model\System Decomposition\ETCS_ FunctionalDecompositionTrainSide.etp   |                | Manual   |