

```

system ETCS;

/* Constant definition */
const SD = 300;
...

/* Data type definition */
type states = enum
    start, moving, _stop, negotiation
endenum;
...

/* Signal definitions */
signal ETCS_no_controlled(pid);
signal ETCS_report(pid, integer, integer, integer, states);
signal ETCS_control();
signal ETCS_move(dType, VmaxType, AmaxType);
...

/*Signal route definitions*/
signalroute train_to_RBCenv(1)
    from Train to env
    with ETCS_no_controlled, ETCS_report;
...

```