step4.
  State = 3 /\ RCV(C.Ticket3'.

```
              /\ not(in(T1',L)) =|>
State' := 9 /\ Tstart2b'  := new()
             /\ Texpire2'  := new()
             /\ KC_TGSremote'  := new()
             /\ SND(C.
          {C.TGSremote.KC_TGSremote'.Tstart2b'.Texpire2'}_KTGSlocal_TGSremote.
```

```
role environment() def=

  local LTGSL, LTGSR, LS : text set

  const c, asl, tgsl, tgsr, s : agent,
        ki_aslocal,
        kc_aslocal,
        kaslocal_tgslocal,
        ktgslocal_tgsremote,
        ktgsremote_sremote    : symmetric_key,

        t1,t1r,t2a,t2b,n1,n1r,n2: protocol_id

  init LTGSL = {} /\ LTGSR = {} /\ LS = {}

  intruder_knowledge = {c,asl,tgsl,tgsr,s,ki_aslocal
                        }

  composition

        session(c,__,9,20[ki]11(mp)1(osi49.2161(ca)1(I,)T0-14.446Td[kc]1(_a)1(tra1(oca)1

            ki_atra1(oca)1(I_)gs{c,s,ki_tr{c,s,ki_gslocale_ssremote,
            ktgslocote_st514(/-515()1(SL)(it)R)1(t5Snme)1-14.98.43onroedr14(pre1-1/F5.
```