

Receiver - Top Level

[Entry]

```
ctx.numLastGoodBlk = 0;
ctx.syncLoss = false;
ctx.errCnt = 0;
```

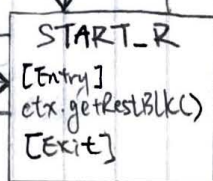
[Exit]

onEvent (SER)

```
[ctx.rcvBlk[0] == S0H]
/ if ( ctx.goodBlk == false ) {
    ctx.sendByte (NAK);
}
```

onEvent (SER)

```
[ctx.rcvBlk[0] == S0H]
/ if ( ctx.goodBlk == true ) {
    ctx.sendByte (ACK);
    if ( ctx.goodBlk1st == true ) { ctx.writeChunk(); }
}
```



onEvent (SER)

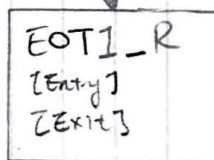
```
[ctx.rcvBlk[0] == S0H]
/ if ( ctx.errCnt > ctx.errB ) {
    ctx.can8();
    ctx.result = "More Than Max Error Count";
}
```

onEvent (SER)

```
[ctx.rcvBlk[0] == S0H]
/ if ( ctx.syncLoss == true ) {
    ctx.can8();
    ctx.result = "SyncLoss Problem";
}
```

onEvent (SER)

```
[ctx.rcvBlk[0] == EOT]
/ ctx.sendByte (NAK);
ctx.EOTCnt ++;
```



onEvent (SER)

```
[ctx.rcvBlk[0] == EOT && ctx.EOTCnt == 1]
/ ctx.sendByte (ACK);
ctx.EOTCnt = 0;
ctx.result = "Done";
```



EUSC 351

Part 2 State Chart

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