Main State Switcher

Input Tokens

V-Tx
U-Tx
L-Tx
Power-On
Operate
S-On
S-Off
Kill

Outputs

all-bits: GPIO [15..0]

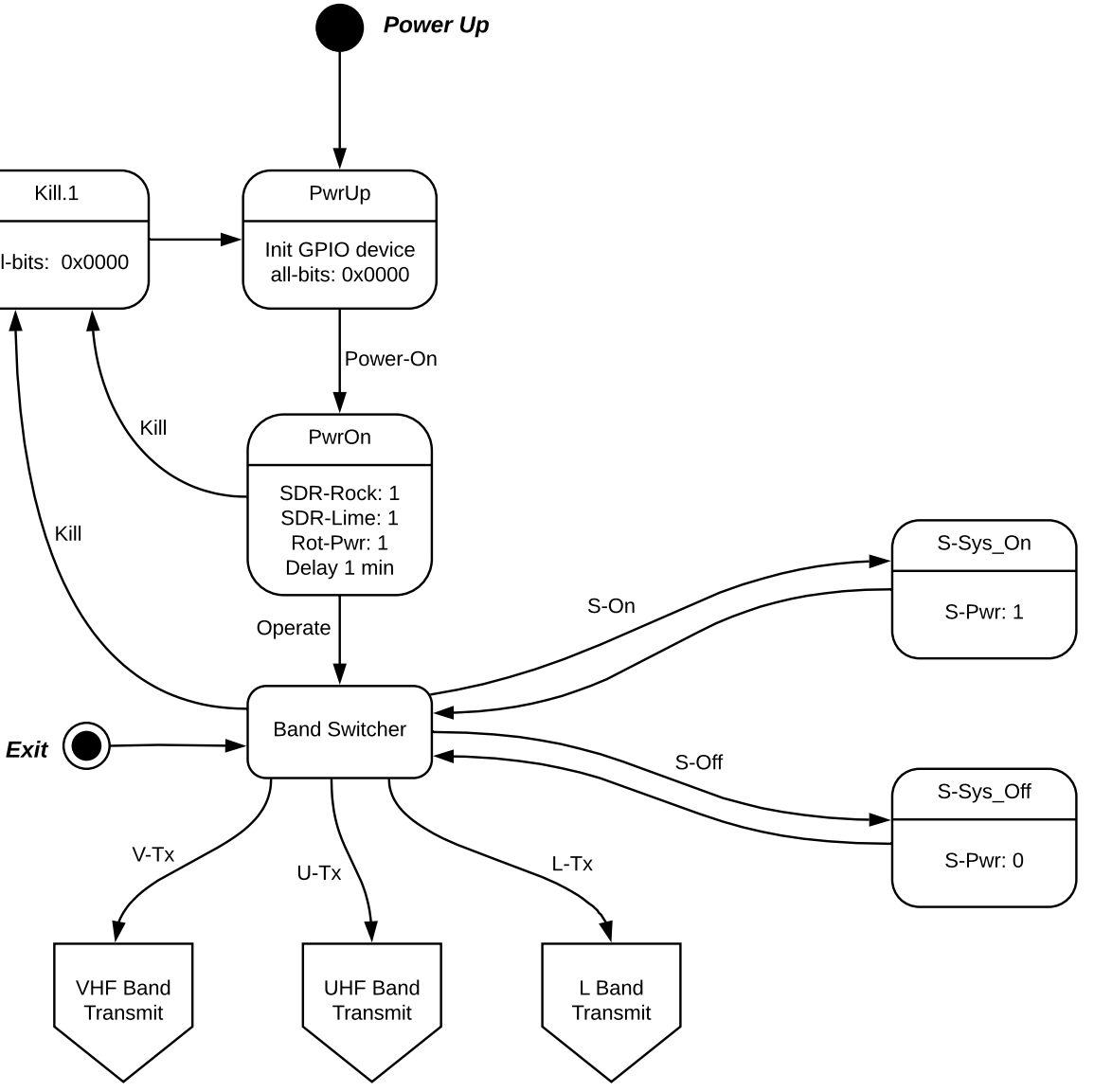
V-Key:
V-PTT:
V-PA:
V-LNA:
V-Pol:

U-Key:
U-PTT:
U-PA:
U-LNA:
U-Pol:

L-PTT:
L-PA:

S-Pwr:

SDR-Rock:
SDR-Lime:
Rot-Pwr:



stationd
Station Houskeeping Control Program

OreSat
G.N. LeBrasseur
31-Jul-2018

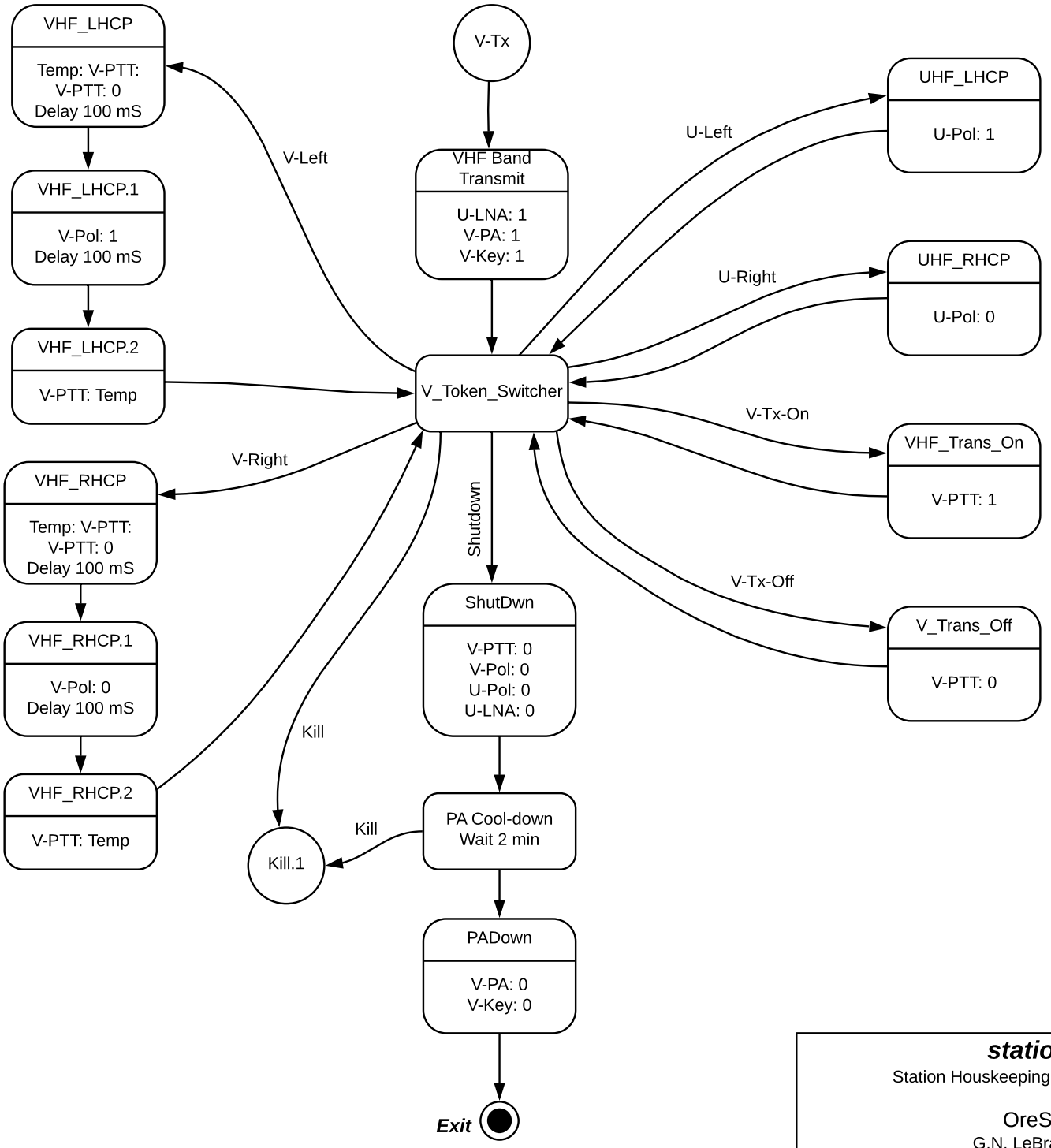
VHF Control

Input Tokens

V-Left
V-Right
U-Left
U-Right
V-Tx-On
V-Tx-Off
Shutdown
Kill

Outputs

U-LNA:
U-Pol:
V-Pol:
V-PTT:
V-PA:
V-Key:



stationd

Station Houskeeping Control Program

OreSat

G.N. LeBrasseur

31-Jul-2018

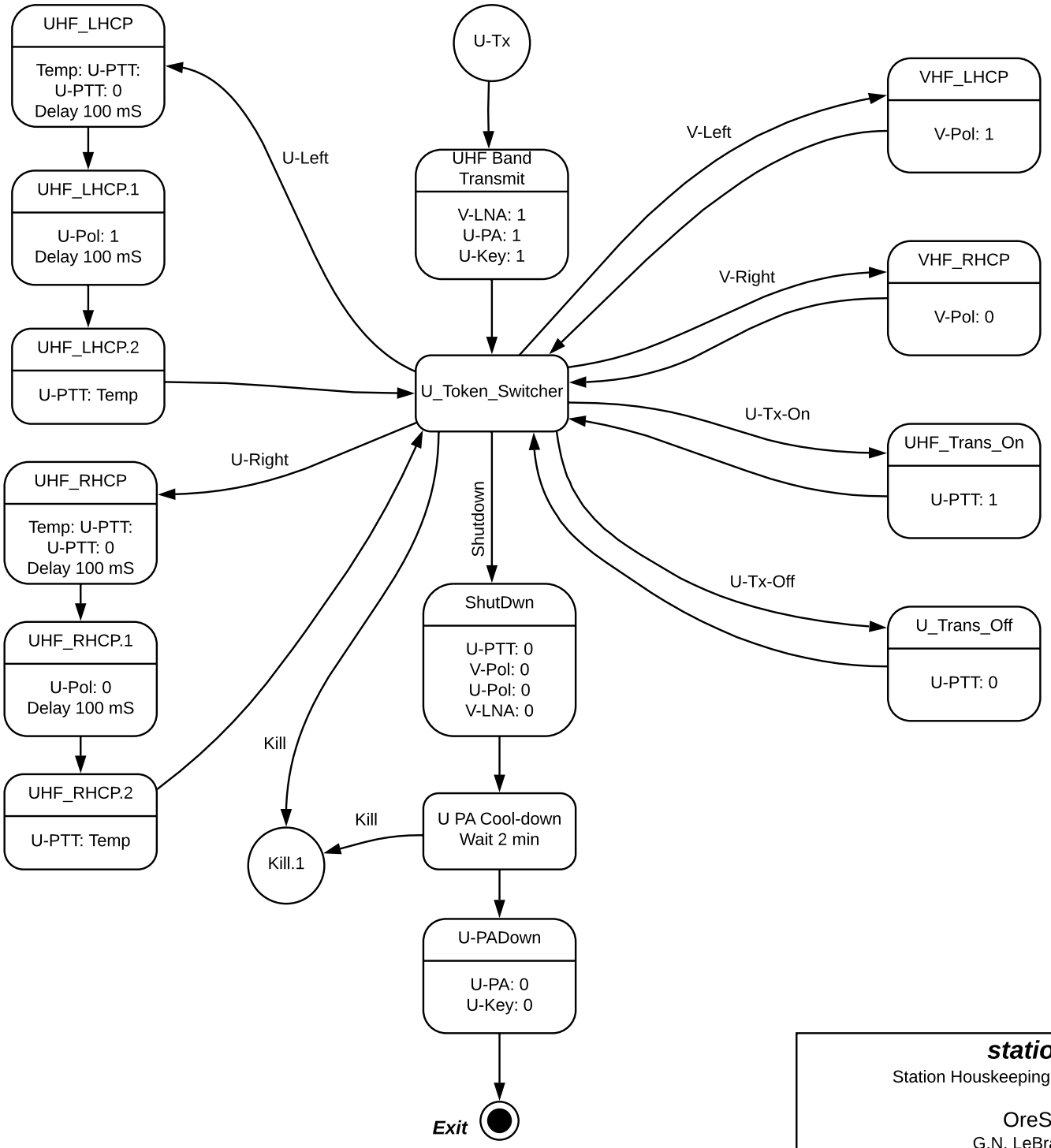
UHF Control

Input Tokens

V-Left
V-Right
U-Left
U-Right
U-Tx-On
U-Tx-Off
Shutdown
Kill

Outputs

V-LNA:
U-Pol:
V-Pol:
U-PTT:
U-PA:
U-Key:



stationd

Station Houskeeping Control Program

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G.N. LeBrasseur

31-Jul-2018

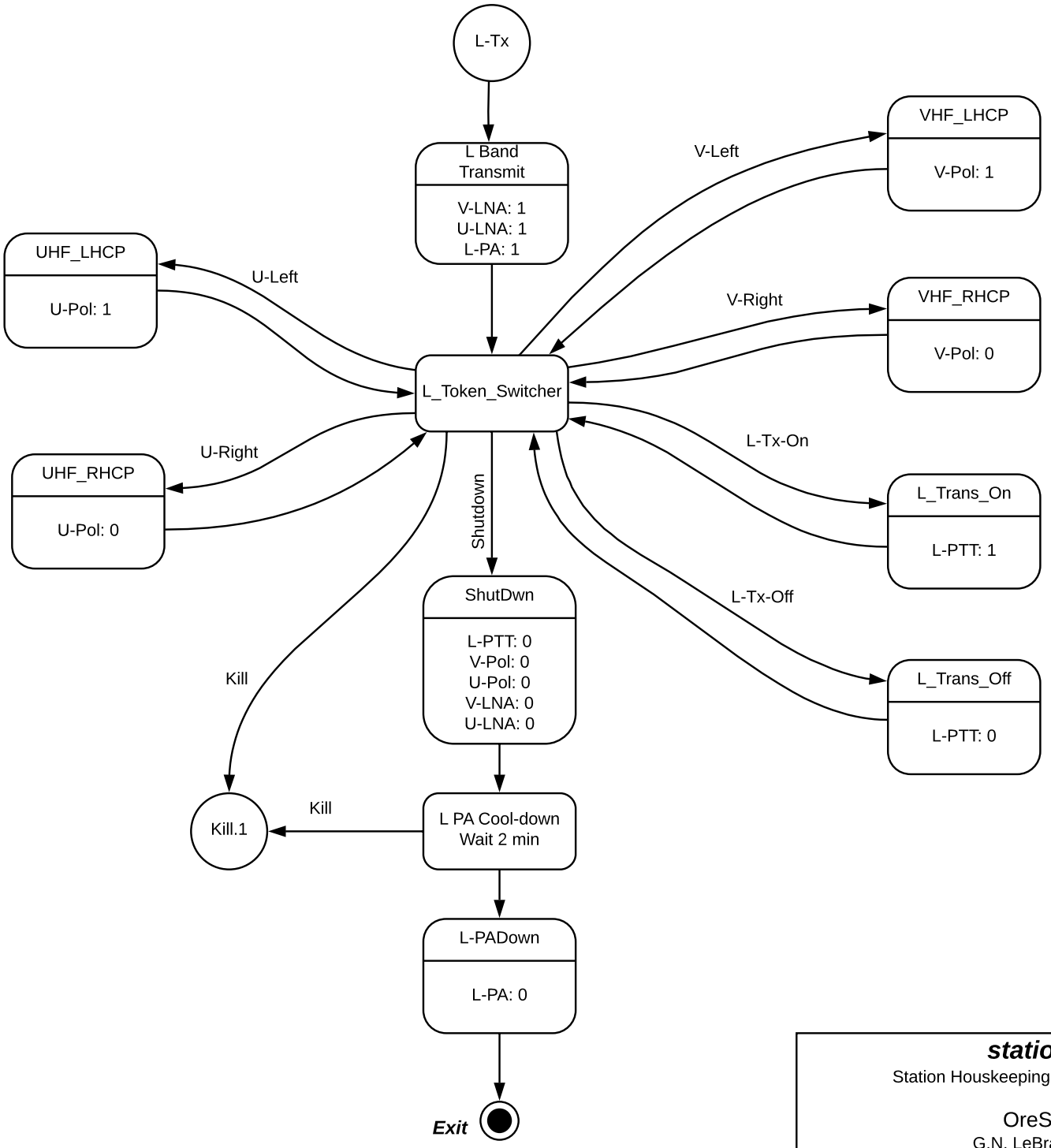
L Band Control

Input Tokens

V-Left
V-Right
U-Left
U-Right
L-Tx-On
L-Tx-Off
Shutdown
Kill

Outputs

V-LNA:
U-LNA:
U-Pol:
V-Pol:
L-PTT:
L-PA:



stationd

Station Houskeeping Control Program

OreSat

G.N. LeBrasseur

31-Jul-2018