GVL_XTS.Station[StationId].Cycle()

Example_1: handshake for a mover with only 1 required stop; only 1 nest (PosStop[1])
- init was already done at machine startup
- default state after STATION_INIT is STATION_DISABLE
- check states are not displayed here
- only the states you have to handshake are displayed
- error handling, you find in other flow charts in the [doc] folder
- Ctrl[StationId].nTargetStation must be set by you before releasing the mover!

Check() --FALSE--> RETURN;

TRUE

State[nStationId].State

E_STATION_STATE.STATION_DISABLE:

Ctrl[nStationId].eCmd ==

E_STATION_CTRL.STATION_ENABLE

TRUE

State[nStationId].State

E_STATION_STATE.STATION_MOVER_ENTER:

When station is asking for a mover to enter, the Mover ID is copied onto State[nStationId].nMoverId

Ctrl[nStationId].eCmd ==

E_STATION_CTRL.STATION_ENTER

E_STATION_STATE.STATION_PROCESS_START:

Ctrl[nStationId].eCmd ==

E_STATION_CTRL.STATION_MOVER_OUT

TRUE

E_STATION_STATE.STATION_MOVER_GONE:

Ctrl[nStationId].eCmd ==

E_STATION_CTRL.STATION_MOVER_GONE

State[nStationId].State := E_STATION_STATE.STATION_DISABLE