

GVL\_XTS.Station[StationId].Cycle()

Example\_3: handshake for a mover with MULTIPLE required stops:  
count and place of stop positions are configured with  
ST\_STATION\_PARAMETER.PosStop[1 to 8]  
ST\_STATION\_PARAMETER.ConfiguredNestCount [1 to 8]

Station does only work as many nests (PosStop[]) as configured in ST\_STATION\_PARAMETER

When sending a mover OUT, you have to set Ctrl[StationId].nMask for nTargetStation!  
- Ctrl[StationId].nMask is copied onto ST\_MOVER\_DATA.nMask  
- ST\_MOVER\_DATA is added at Tail of LinkedList of nTargetStation

Detection of mover is done by station checking its list.Queue > 0  
Infeed of mover is done according to the relative distances in PosStop[] and the high bits in ST\_MOVER\_DATA.nMask  
Mask is always checked from 0 to 7 --> nMask.0 to nMask.7 --> PosStop[1] to PosStop[8]  
- IF ST\_MOVER\_DATA.nMask == 0 --> only one Stop at 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!

