

**Example 7: Curve operation with slave reg synchronization**

The slave position in the curve mode is to be corrected in dependence of a registration mark: Slave-oriented reg synchronization.

**Corresponding files:**

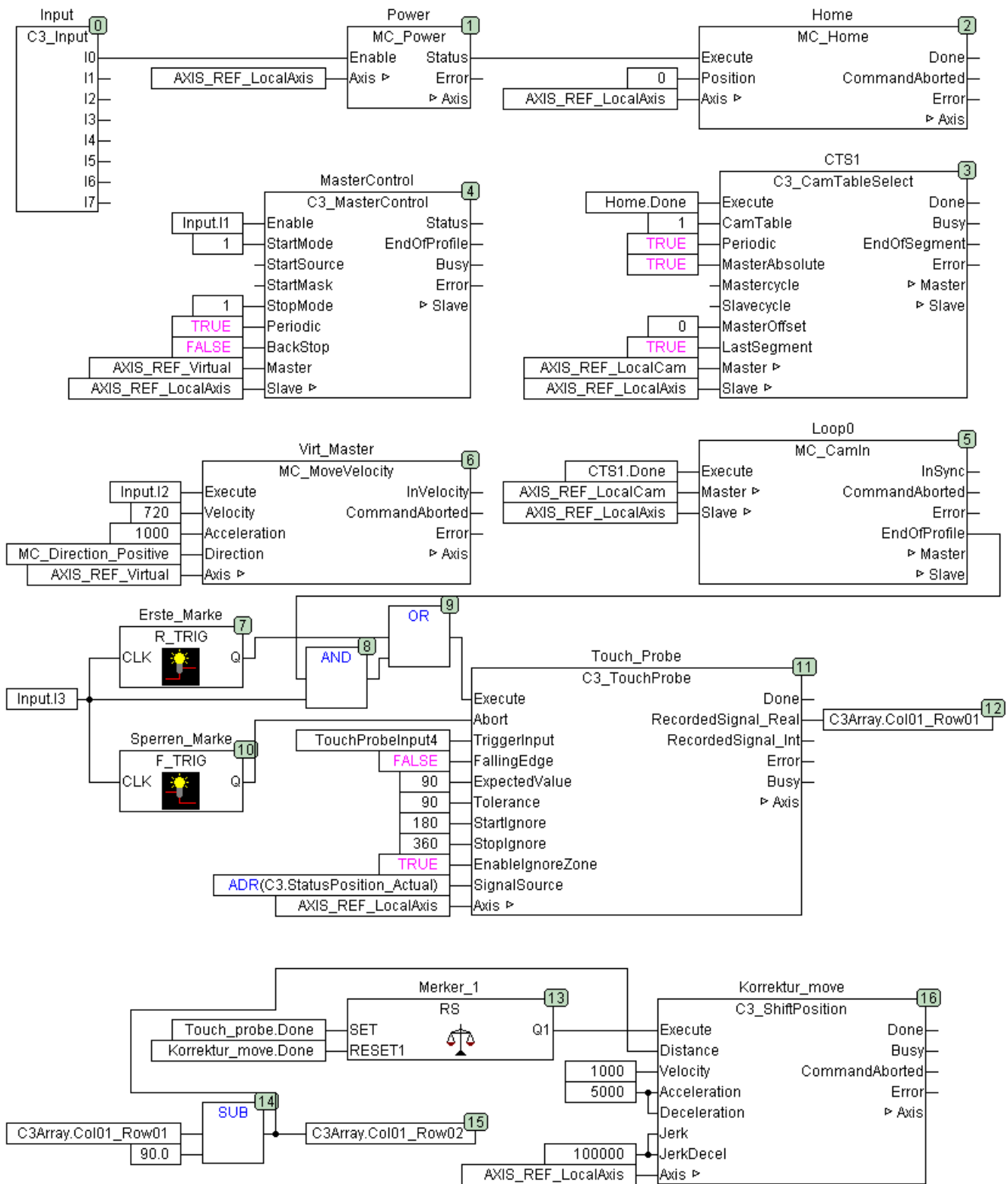
Slave\_Markenkorrektur\_Example.C3P (Compax3 Project auf Compax3 CD:\Examples\Example7)

Slave\_Markenkorrektur\_Example.pro (CoDeSys Project on the Compax3 CD:\Examples\Example7)

**Control interface:**

<b>Input</b>	<b>Function</b>
I0	Energize axis, homing, select curve, starting and coupling axis (static)
I1	Enable and start of the master position acquisition (static)
I2	Start virtual master
I3	Reg enable (static)
I4	Reg input (edge)
I5	Free
I6	Free
I7	Free

**Solution:**



**Boundary conditions:**

- Setpoint position of the registration mark: 90°
- Ignore zone of the reg detection: 180° - 360°

**curve**

