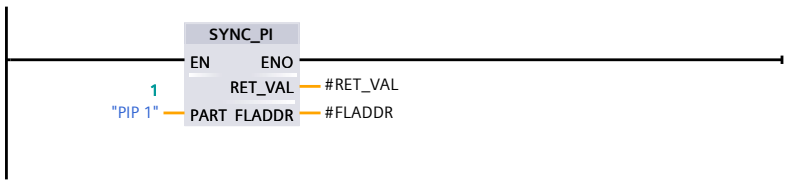
Isochronous_MasterProg_V18_ThesisPicsOPUA / Sec_PLC_S71500 [CPU 1511-1 PN] / Program blocks

Synchronous Cycle [OB61]

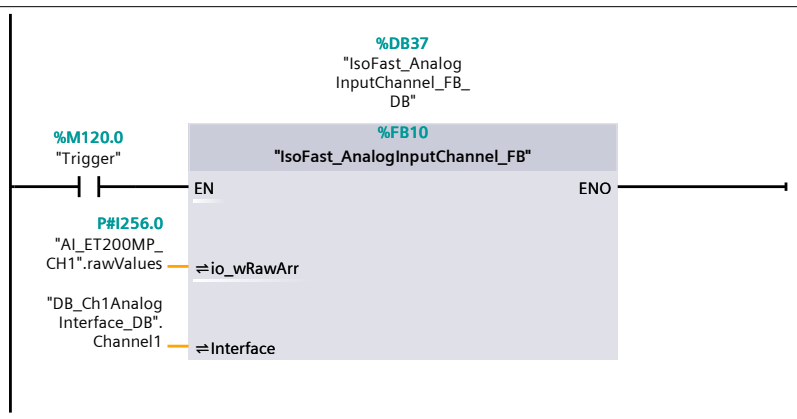
Synchronous Cycle Properties							
General							
Name	Synchronous Cycle	**Number**	61	**Type**	OB	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Synchronous Cycle		
Name	**Data type**	**Default value**
Input		
Initial_Call	Bool	
PIP_Input	Bool	
PIP_Output	Bool	
IO_System	USInt	
Event_Count	Int	
SyncCycleTime	LTime	
Temp		
RET_VAL	Int	
FLADDR	Word	
ERROR	Bool	
STATUS	Word	
i	Int	
Reset_Db	Bool	
Constant		

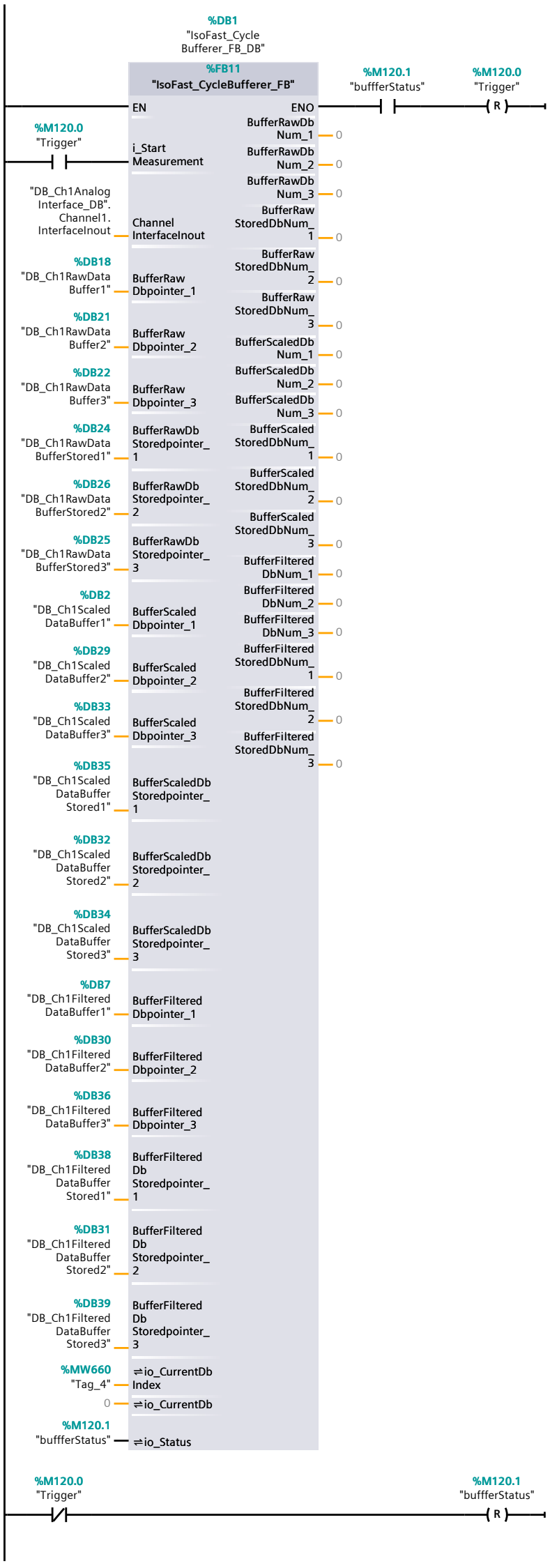
Network 1:



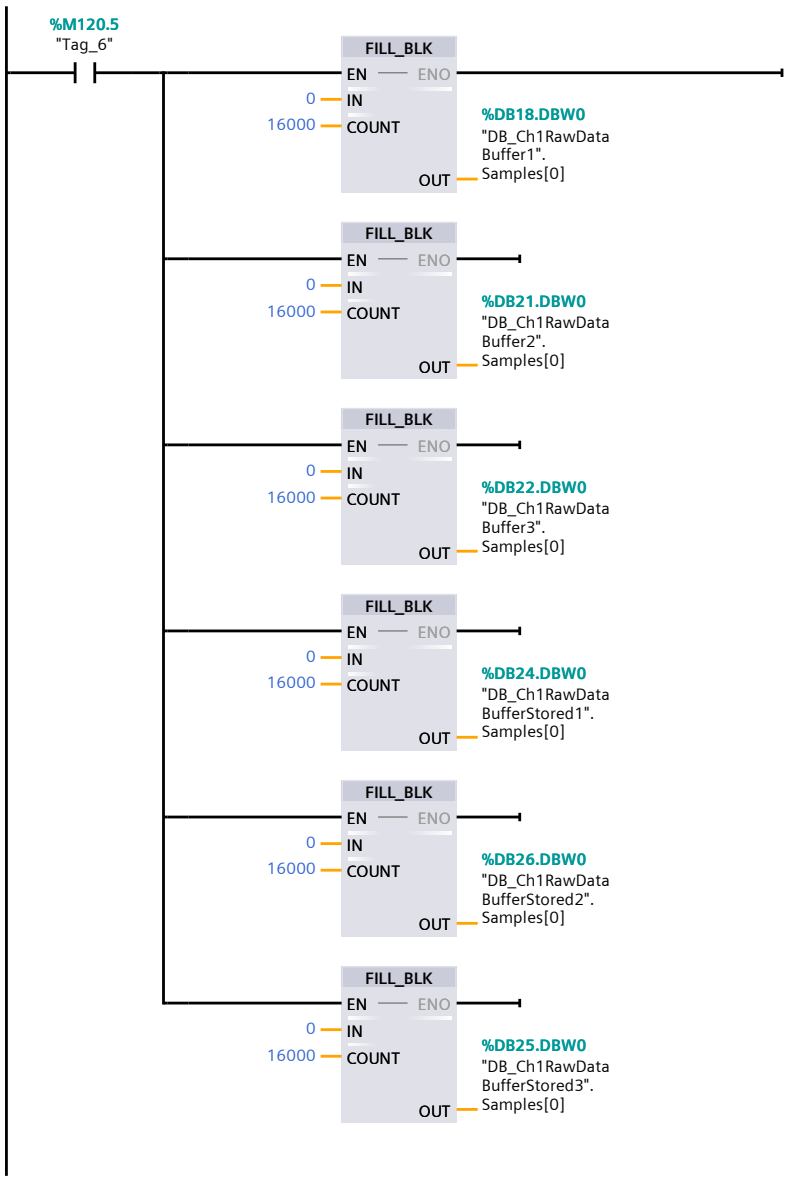
Network 2:



Network 3:


%DB1
"IsoFast_Cycle Bufferer_FB_DB"
%FB11
"IsoFast_CycleBufferer_FB"
EN
ENO
%M120.1
"buffferStatus"
%M120.0
"Trigger"
%M120.0
"Trigger"
i_Start Measurement
"DB_Ch1Analog Interface_DB". Channel1. InterfaceInout
Channel InterfaceInout
%DB18
"DB_Ch1RawData Buffer1"
BufferRaw Dbpointer_1
%DB21
"DB_Ch1RawData Buffer2"
BufferRaw Dbpointer_2
%DB22
"DB_Ch1RawData Buffer3"
BufferRaw Dbpointer_3
%DB24
"DB_Ch1RawData BufferStored1"
BufferRawDb Storedpointer_ 1
%DB26
"DB_Ch1RawData BufferStored2"
BufferRawDb Storedpointer_ 2
%DB25
"DB_Ch1RawData BufferStored3"
BufferRawDb Storedpointer_ 3
%DB2
"DB_Ch1Scaled DataBuffer1"
BufferScaled Dbpointer_1
%DB29
"DB_Ch1Scaled DataBuffer2"
BufferScaled Dbpointer_2
%DB33
"DB_Ch1Scaled DataBuffer3"
BufferScaled Dbpointer_3
%DB35
"DB_Ch1Scaled DataBuffer Stored1"
BufferScaledDb Storedpointer_ 1
%DB32
"DB_Ch1Scaled DataBuffer Stored2"
BufferScaledDb Storedpointer_ 2
%DB34
"DB_Ch1Scaled DataBuffer Stored3"
BufferScaledDb Storedpointer_ 3
%DB7
"DB_Ch1Filtered DataBuffer1"
BufferFiltered Dbpointer_1
%DB30
"DB_Ch1Filtered DataBuffer2"
BufferFiltered Dbpointer_2
%DB36
"DB_Ch1Filtered DataBuffer3"
BufferFiltered Dbpointer_3
%DB38
"DB_Ch1Filtered DataBuffer Stored1"
BufferFiltered Db Storedpointer_ 1
%DB31
"DB_Ch1Filtered DataBuffer Stored2"
BufferFiltered Db Storedpointer_ 2
%DB39
"DB_Ch1Filtered DataBuffer Stored3"
BufferFiltered Db Storedpointer_ 3
%MW660
"Tag_4"
⇌io_CurrentDb Index
0
⇌io_CurrentDb
%M120.1
"buffferStatus"
⇌io_Status
BufferRawDb Num_1 0
BufferRawDb Num_2 0
BufferRawDb Num_3 0
BufferRaw StoredDbNum_ 1 0
BufferRaw StoredDbNum_ 2 0
BufferRaw StoredDbNum_ 3 0
BufferScaledDb Num_1 0
BufferScaledDb Num_2 0
BufferScaledDb Num_3 0
BufferScaled StoredDbNum_ 1 0
BufferScaled StoredDbNum_ 2 0
BufferScaled StoredDbNum_ 3 0
BufferFiltered DbNum_1 0
BufferFiltered DbNum_2 0
BufferFiltered DbNum_3 0
BufferFiltered StoredDbNum_ 1 0
BufferFiltered StoredDbNum_ 2 0
BufferFiltered StoredDbNum_ 3 0
%M120.0
"Trigger"
%M120.1
"buffferStatus"
R

Network 4:



Network 5:

```
0001
```