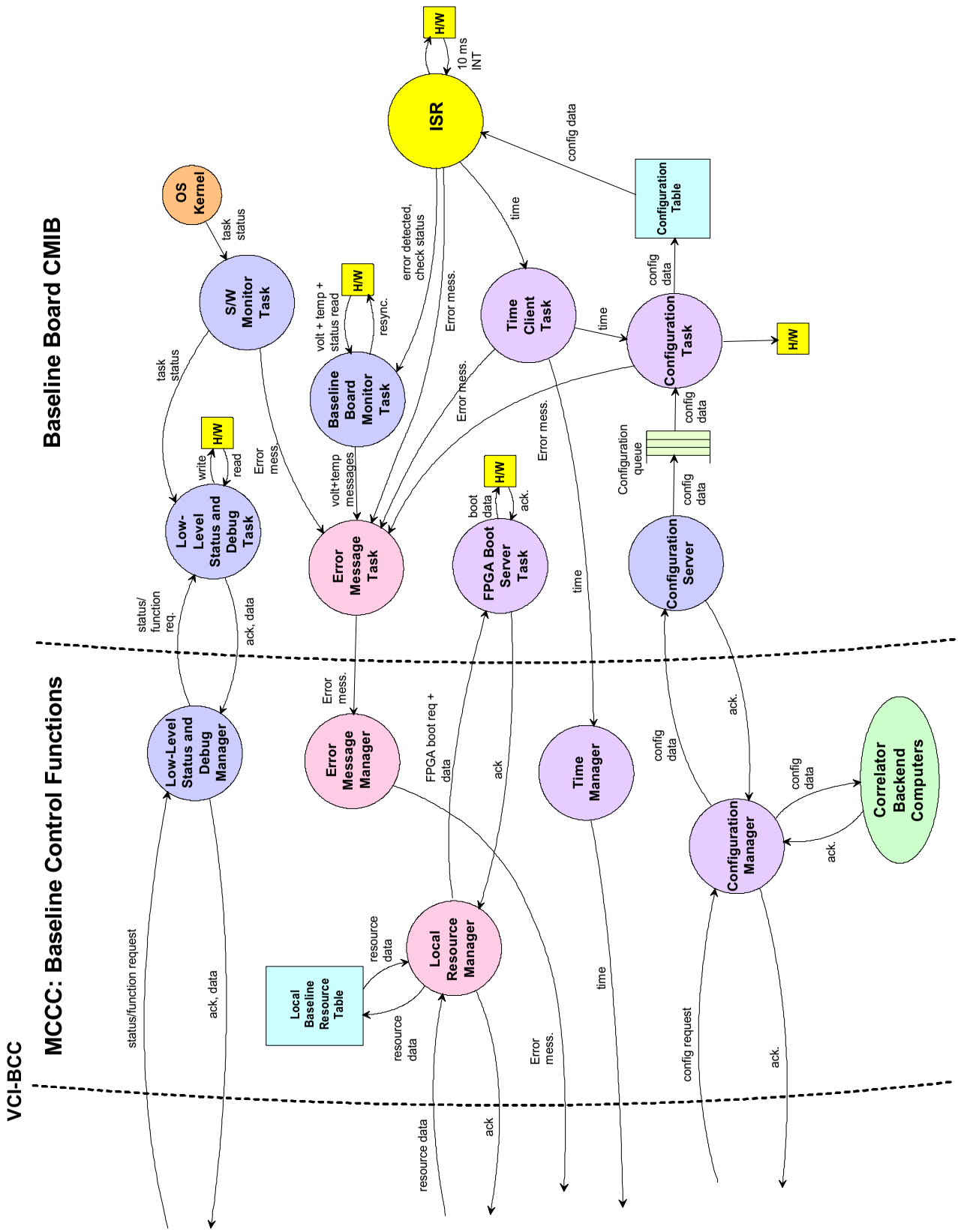
VCI-BCC
MCCC: Baseline Control Functions
Baseline Board CMIB
ISR
10 ms INT
H/W
OS Kernel
task status
S/W Monitor Task
Baseline Board Monitor Task
volt + temp + status read
resync.
error detected, check status
Error mess.
time
Time Client Task
Configuration Table
config data
Configuration Task
Configuration queue
Low-Level Status and Debug Task
write
read
Error mess.
volt+temp messages
Error Message Task
boot data
ack.
FPGA Boot Server Task
Configuration Server
status/ function req.
ack, data
Low-Level Status and Debug Manager
Error mess.
Error Message Manager
FPGA boot req + data
ack
Time Manager
time
config data
ack.
Configuration Manager
Correlator Backend Computers
status/function request
ack, data
Local Baseline Resource Table
resource data
Local Resource Manager
resource data
ack
Error mess.
time
config request
ack.