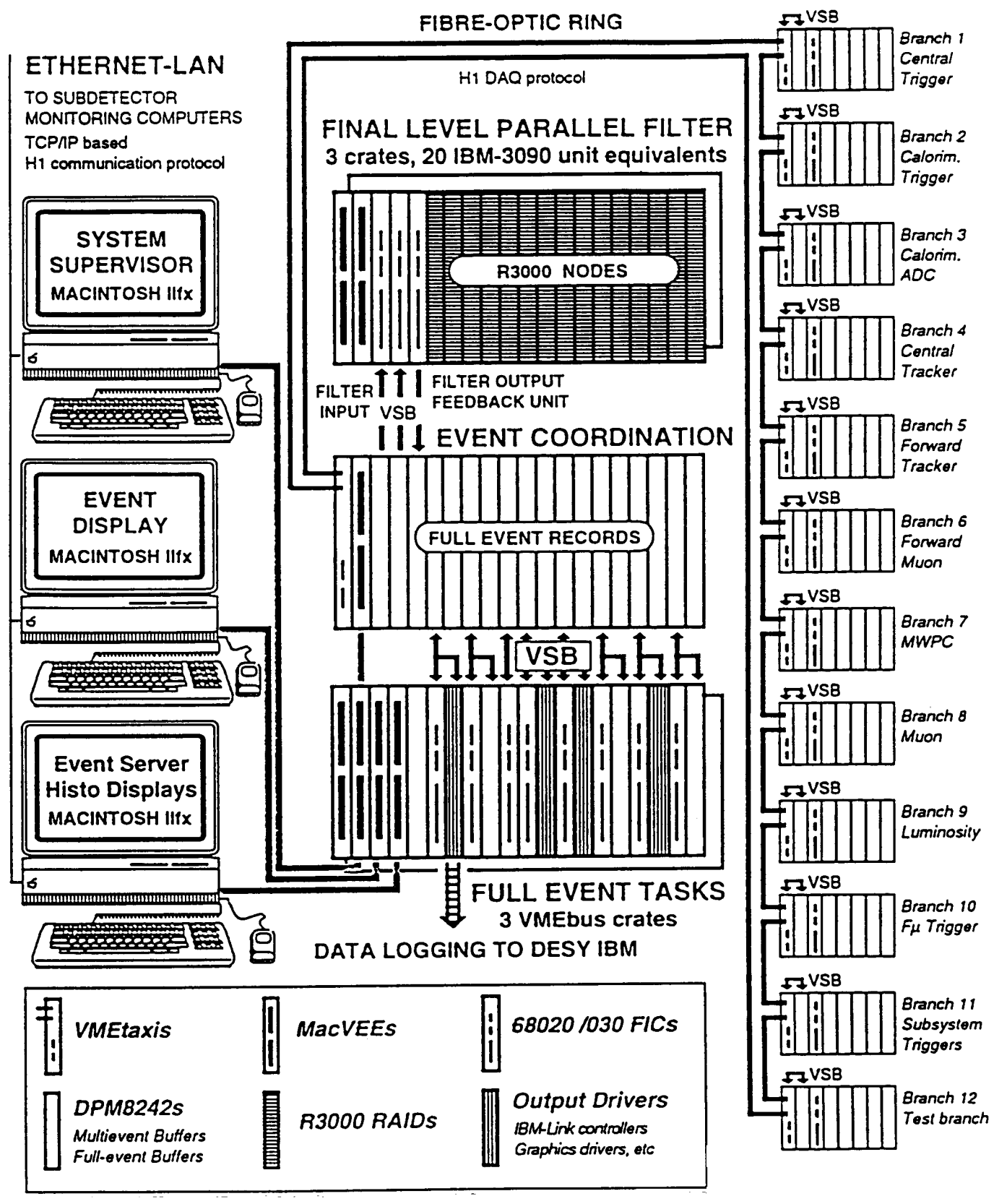
FIBRE-OPTIC RING
ETHERNET-LAN
TO SUBDETECTOR
MONITORING COMPUTERS
TCP/IP based
H1 communication protocol
H1 DAQ protocol
FINAL LEVEL PARALLEL FILTER
3 crates, 20 IBM-3090 unit equivalents
R3000 NODES
FILTER INPUT VSB
FILTER OUTPUT
FEEDBACK UNIT
EVENT COORDINATION
FULL EVENT RECORDS
VSB
SYSTEM SUPERVISOR
MACINTOSH IIfx
EVENT DISPLAY
MACINTOSH IIfx
Event Server
Histo Displays
MACINTOSH IIfx
FULL EVENT TASKS
3 VMEbus crates
DATA LOGGING TO DESY IBM
VSB
Branch 1
Central
Trigger
Branch 2
Calorim.
Trigger
Branch 3
Calorim.
ADC
Branch 4
Central
Tracker
Branch 5
Forward
Tracker
Branch 6
Forward
Muon
Branch 7
MWPC
Branch 8
Muon
Branch 9
Luminosity
Branch 10
Fμ Trigger
Branch 11
Subsystem
Triggers
Branch 12
Test branch
VMEtaxis
MacVEEs
68020 /030 FICs
DPM8242s
Multievent Buffers
Full-event Buffers
R3000 RAIDs
Output Drivers
IBM-Link controllers
Graphics drivers, etc