Fig 7-3

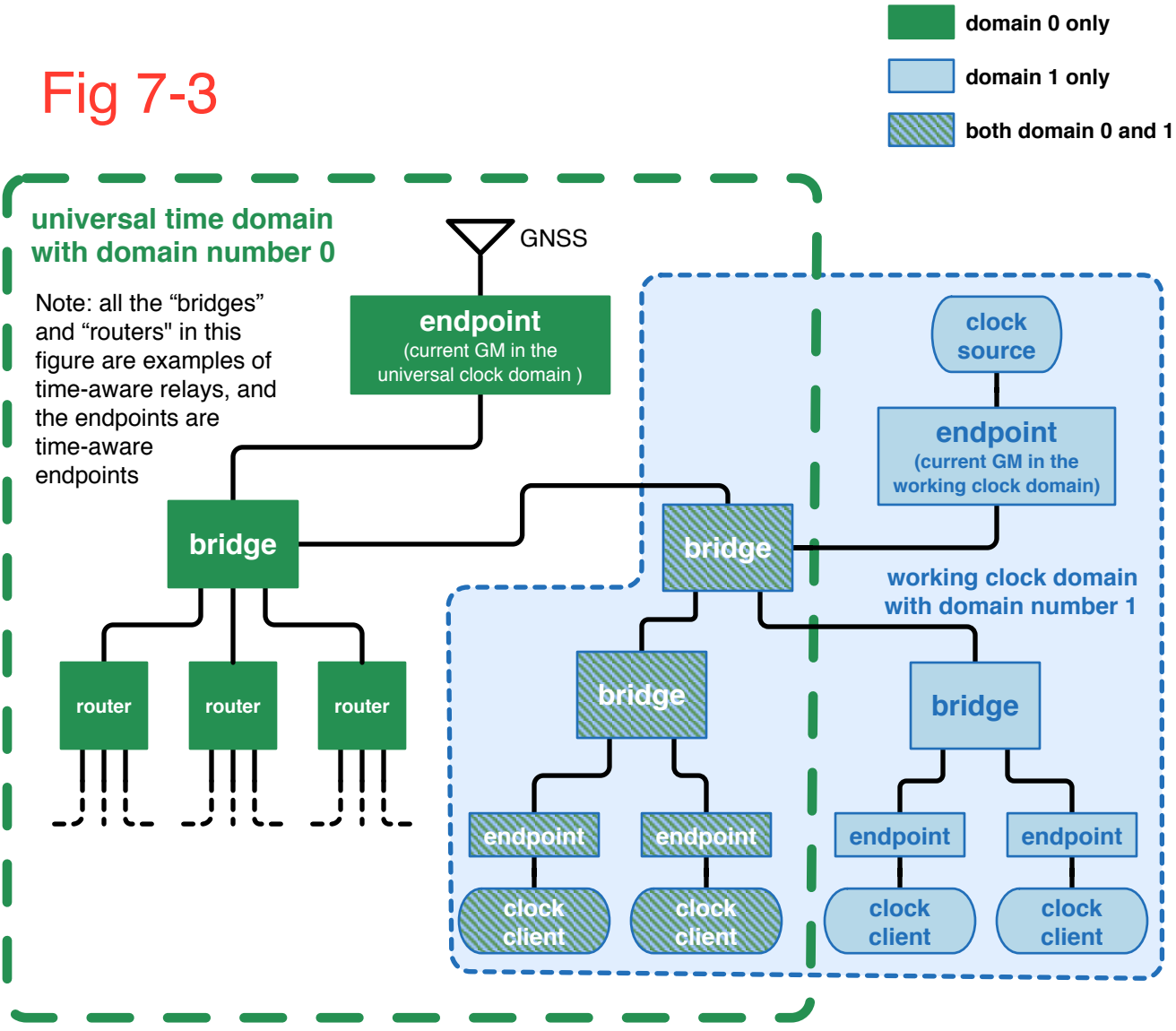
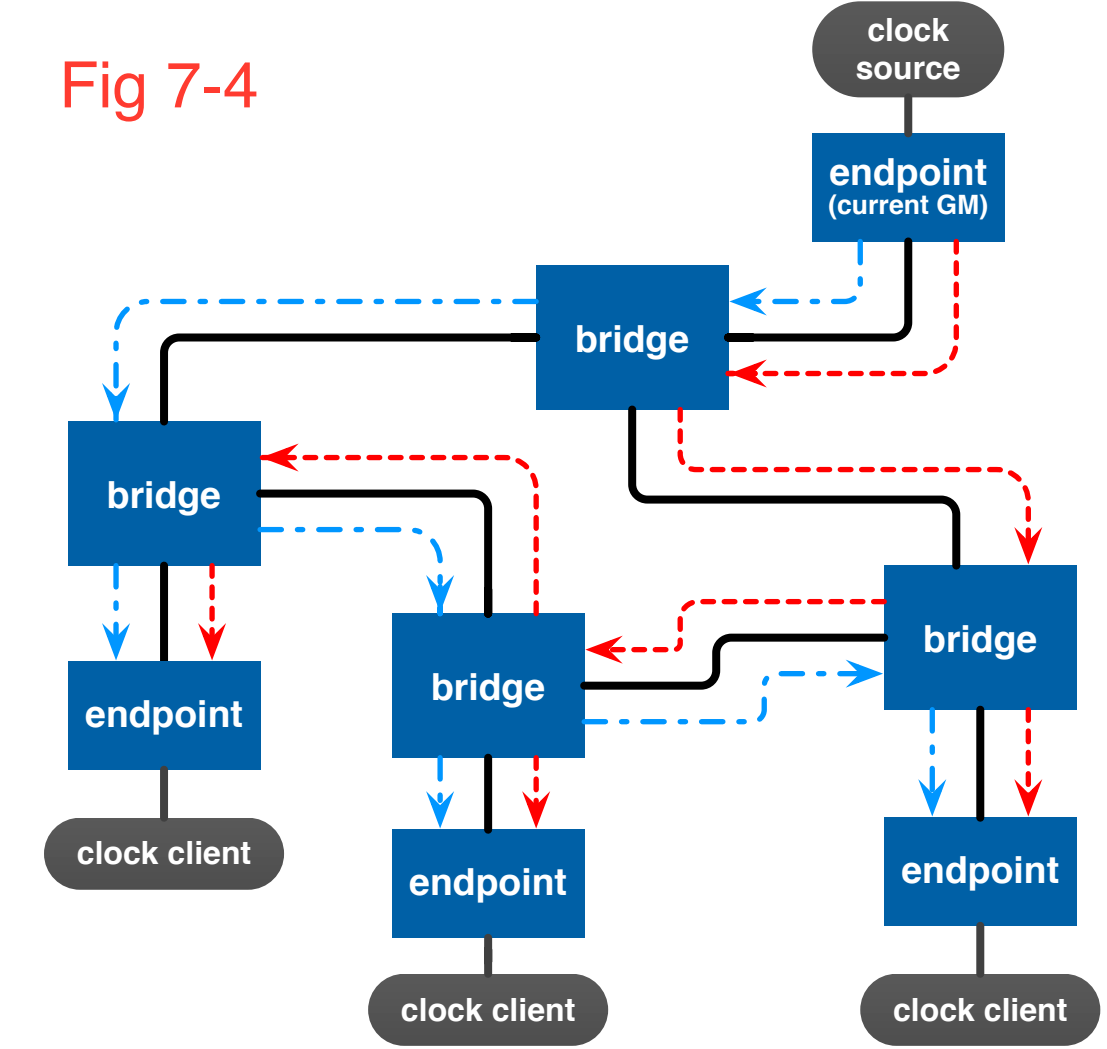
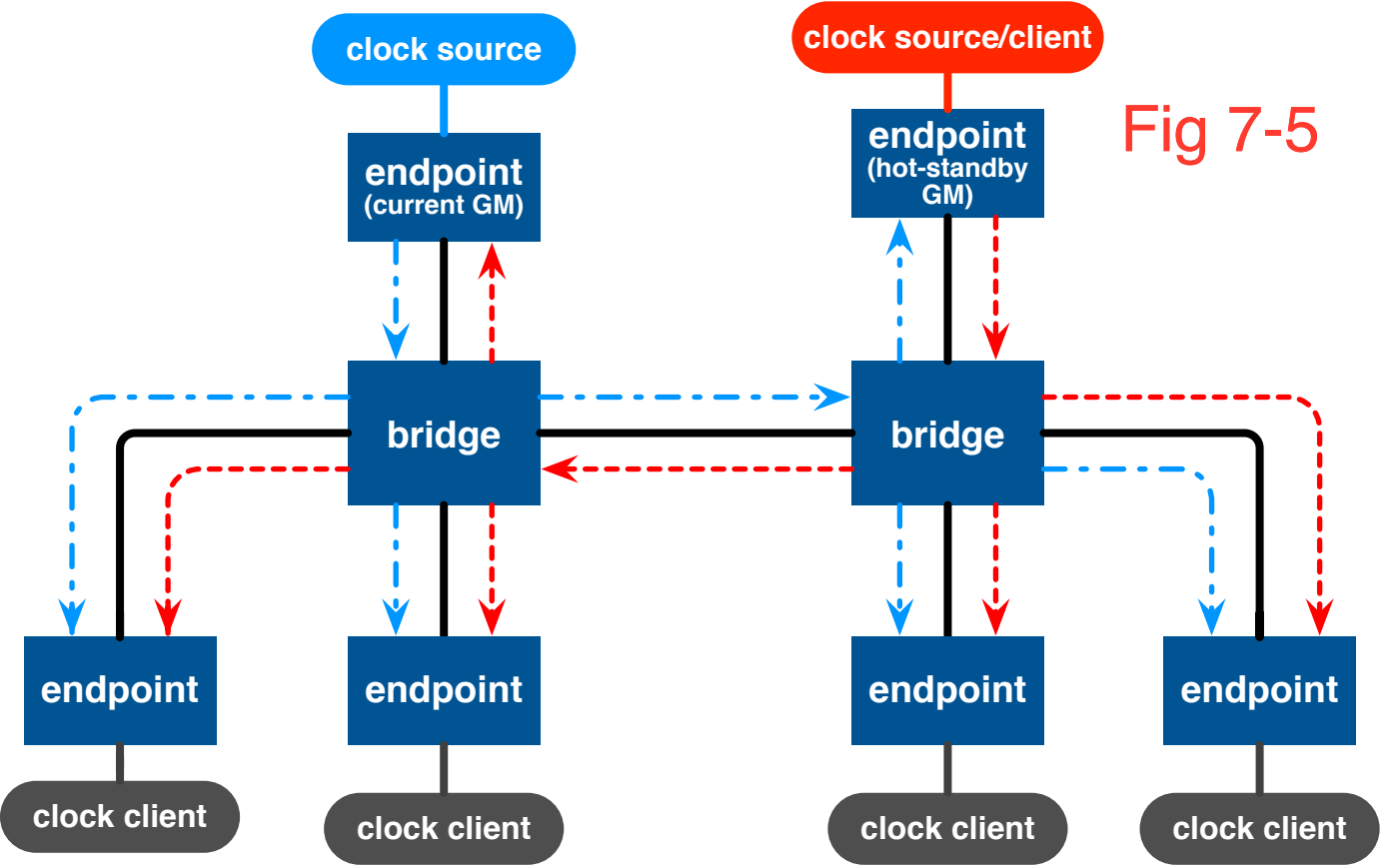

domain 0 only
domain 1 only
both domain 0 and 1
universal time domain
with domain number 0
Note: all the “bridges”
and “routers" in this
figure are examples of
time-aware relays, and
the endpoints are
time-aware
endpoints
GNSS
endpoint
(current GM in the
universal clock domain)
bridge
router
router
router
bridge
clock
source
endpoint
(current GM in the
working clock domain)
working clock domain
with domain number 1
bridge
bridge
endpoint
endpoint
endpoint
endpoint
clock
client
clock
client
clock
client
clock
client

Fig 7-4



Note 1: The methods used for merging the redundant sync msgs received at each endpoint are not specified in this standard.

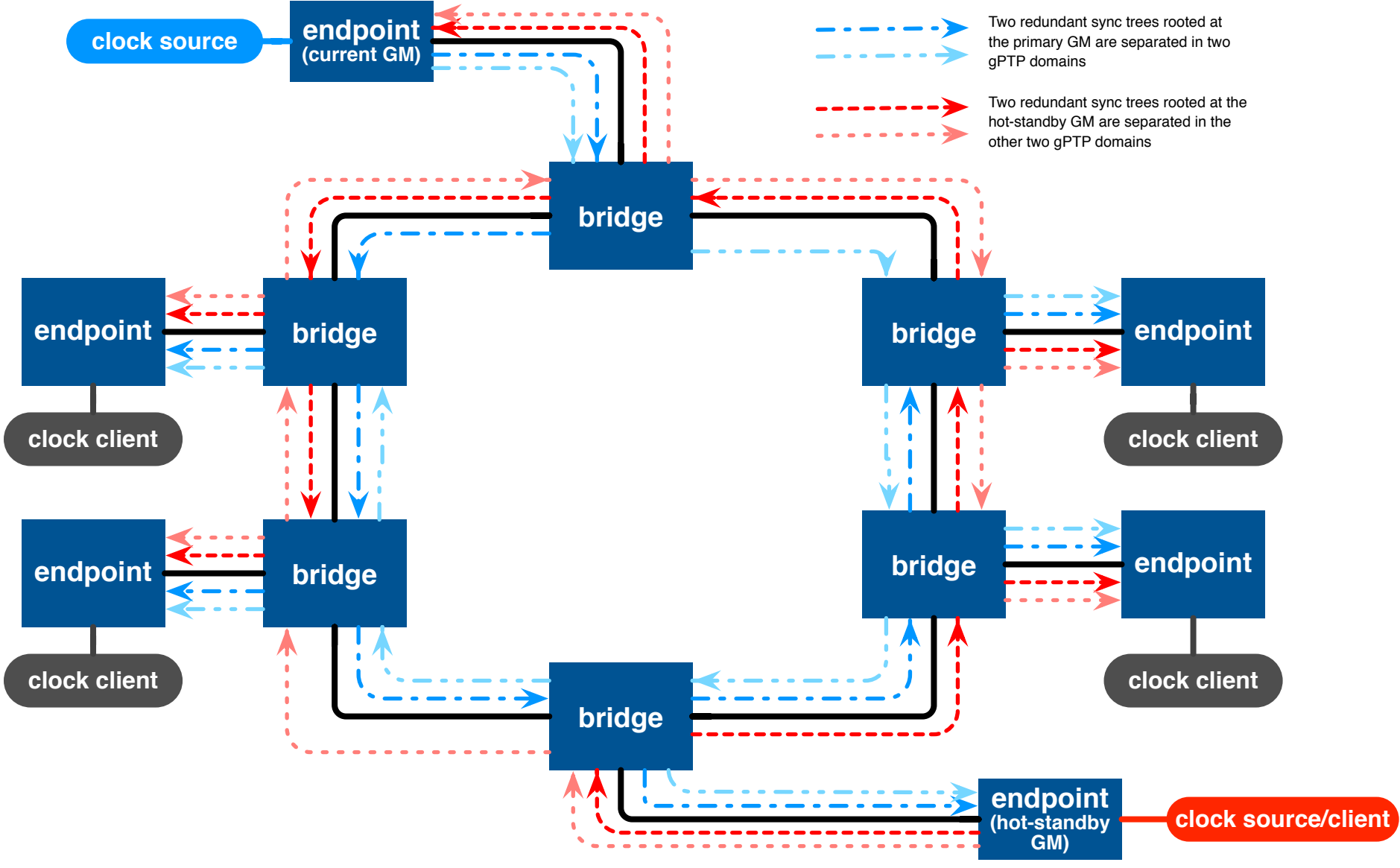
Note 2: All the “bridges” and “routers" in this figure are examples of time-aware relays, and the endpoints are time-aware.



Note 1: The methods used for merging the redundant sync msgs received at each endpoint are not specified in this standard.

Note 2: The endpoint operating as the hot-standby GM may need an additional clock client attached to it, if the hot-standby GM is required to be synchronized to the primary GM.

Note 3: All the “bridges” and “routers" in this figure are examples of time-aware relays, and the endpoints are time-aware.



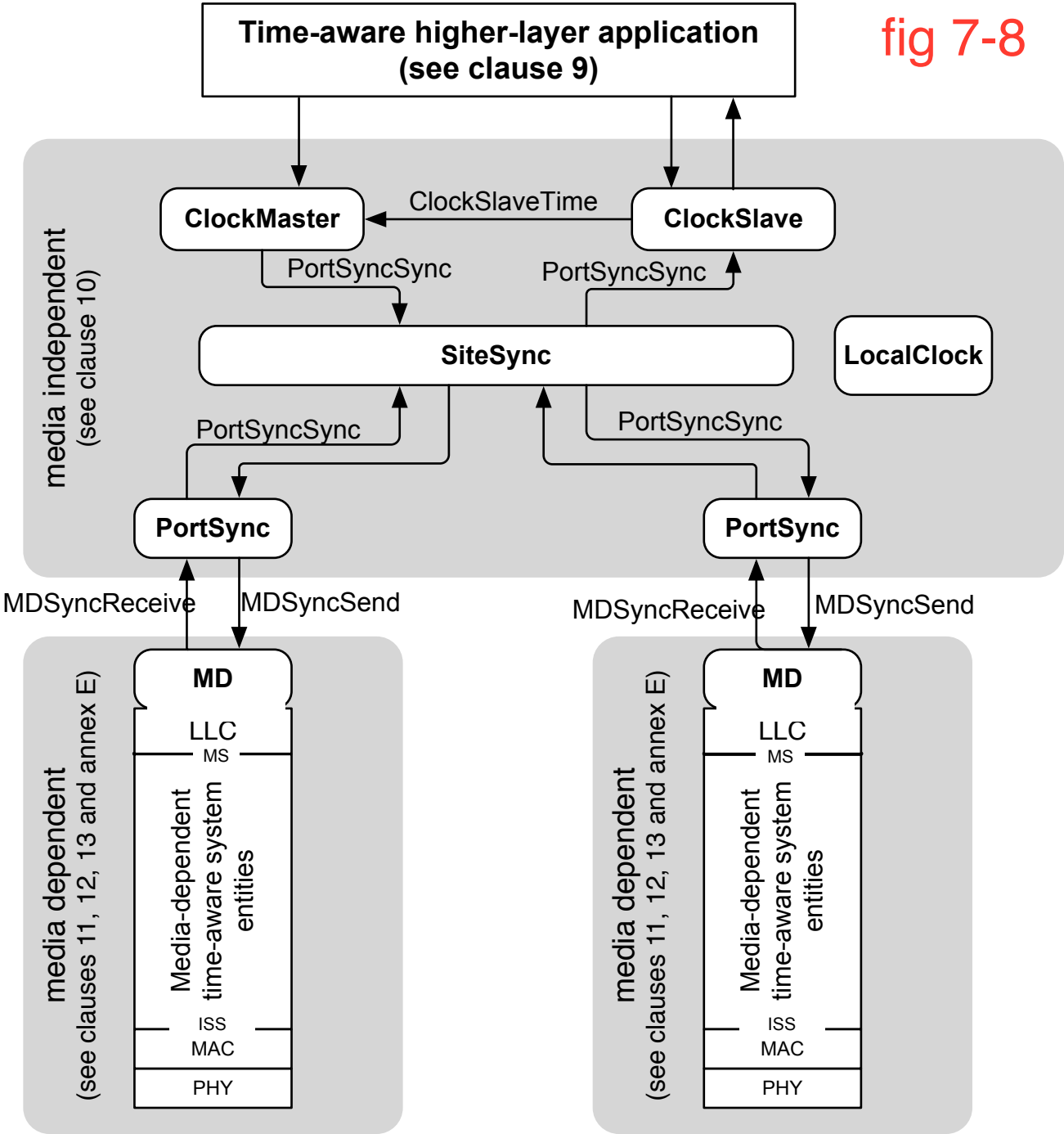
Note 1: The methods used for merging the redundant sync msgs received at each endpoint are not specified in this standard.

Note 2: The endpoint operating as the hot-standby GM may need an additional clock client attached to it, if the hot-standby GM is required to be synchronized to the primary GM.

Note 3: All the “bridges” and “routers" in this figure are examples of time-aware relays, and the endpoints are time-aware.

fig 7-6

fig 7-8


Time-aware higher-layer application
(see clause 9)
media independent
(see clause 10)
ClockMaster
ClockSlaveTime
ClockSlave
PortSyncSync
PortSyncSync
SiteSync
LocalClock
PortSyncSync
PortSyncSync
PortSync
PortSync
MDSyncReceive
MDSyncSend
MDSyncReceive
MDSyncSend
media dependent
(see clauses 11, 12, 13 and annex E)
MD
LLC
MS
Media-dependent
time-aware system
entities
ISS
MAC
PHY
media dependent
(see clauses 11, 12, 13 and annex E)
MD
LLC
MS
Media-dependent
time-aware system
entities
ISS
MAC
PHY