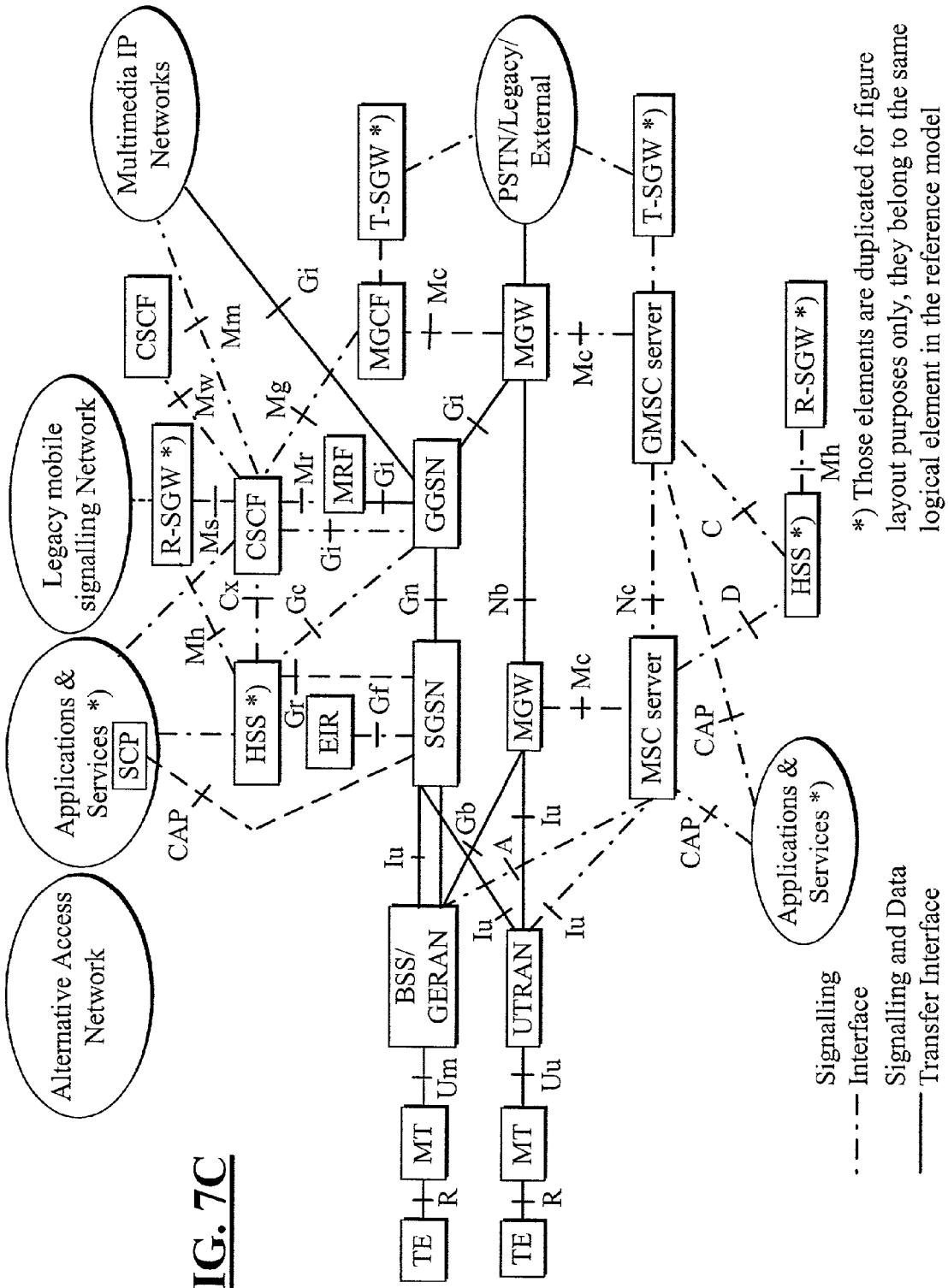
Multimedia IP Networks
Legacy mobile signalling Network
Applications & Services *)
Alternative Access Network
PSTN/Legacy/ External
Applications & Services *)
CSCF
R-SGW *)
CSCF
MRF
HSS *)
EIR
SCP
MGCF
T-SGW *)
MGW
GGSN
SGSN
MGW
GMSC server
MSC server
HSS *)
R-SGW *)
BSS/ GERAN
UTRAN
MT
MT
TE
TE
R
R
Um
Uu
Iu
Iu
Iu
Iu
Gb
A
Gn
Nb
Nc
Gi
Gi
Gi
Gi
Mm
Mw
Mg
Mr
Ms
Cx
Gc
Gr
Gf
Mh
Mc
Mc
Mc
Mh
C
D
CAP
CAP
CAP
Signalling Interface
Signalling and Data Transfer Interface
*) Those elements are duplicated for figure layout purposes only, they belong to the same logical element in the reference model

FIG. 7C