

# Wireless Networks

WIRELESS COMMUNICATIONS 371-1-1903 - SPRING 2020

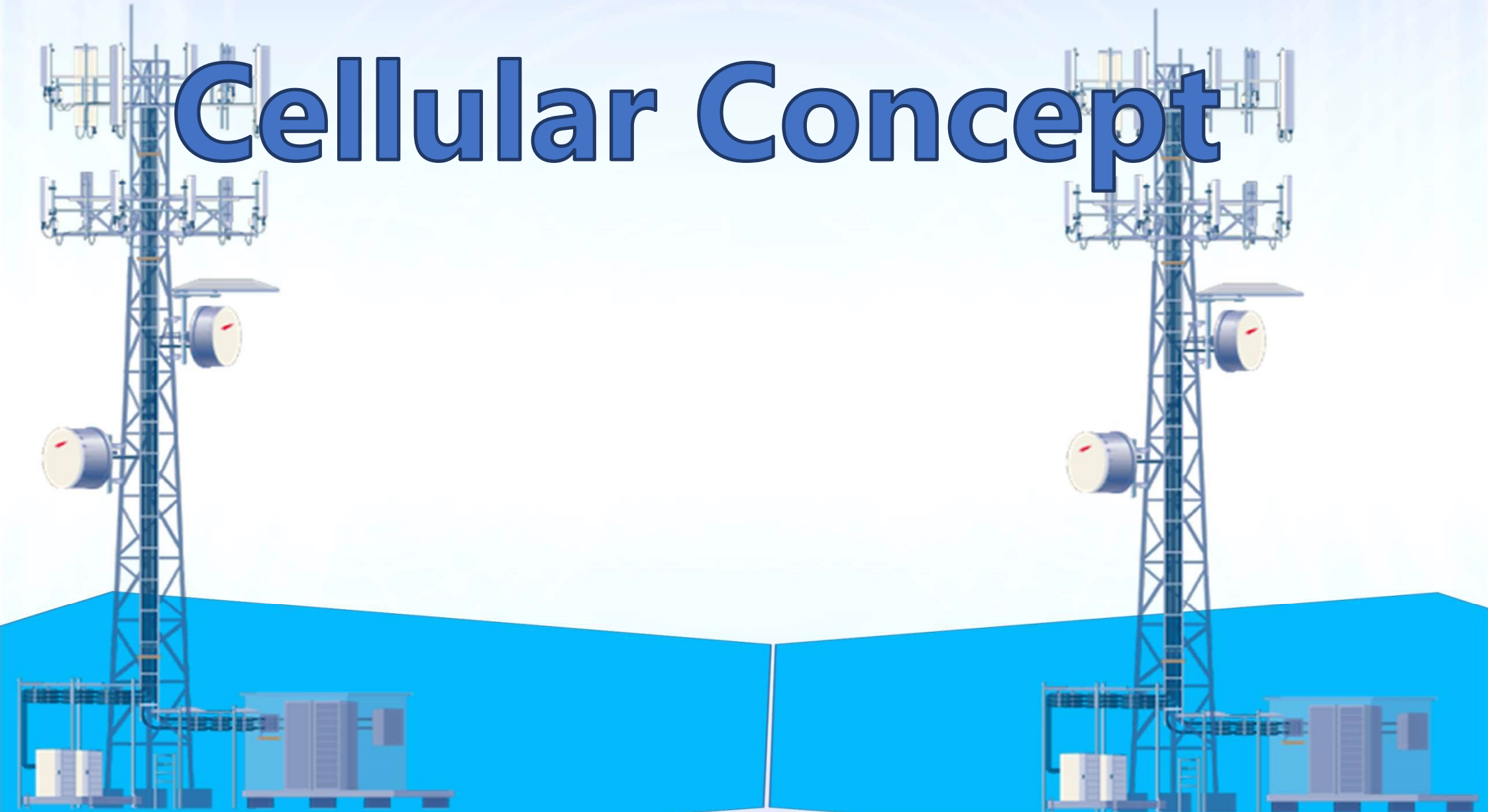
## Cellular Networks



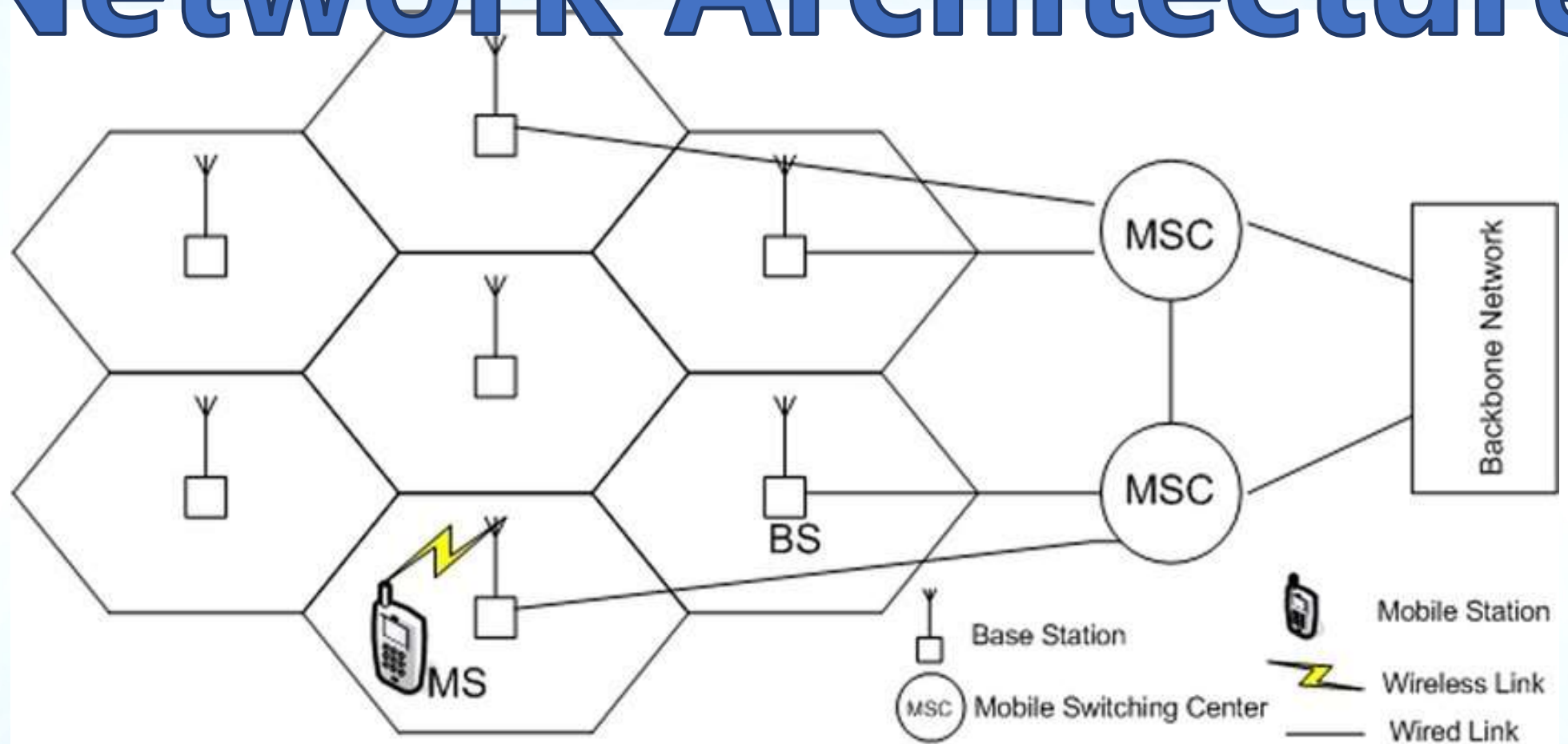


# Multiple Access

# Cellular Concept



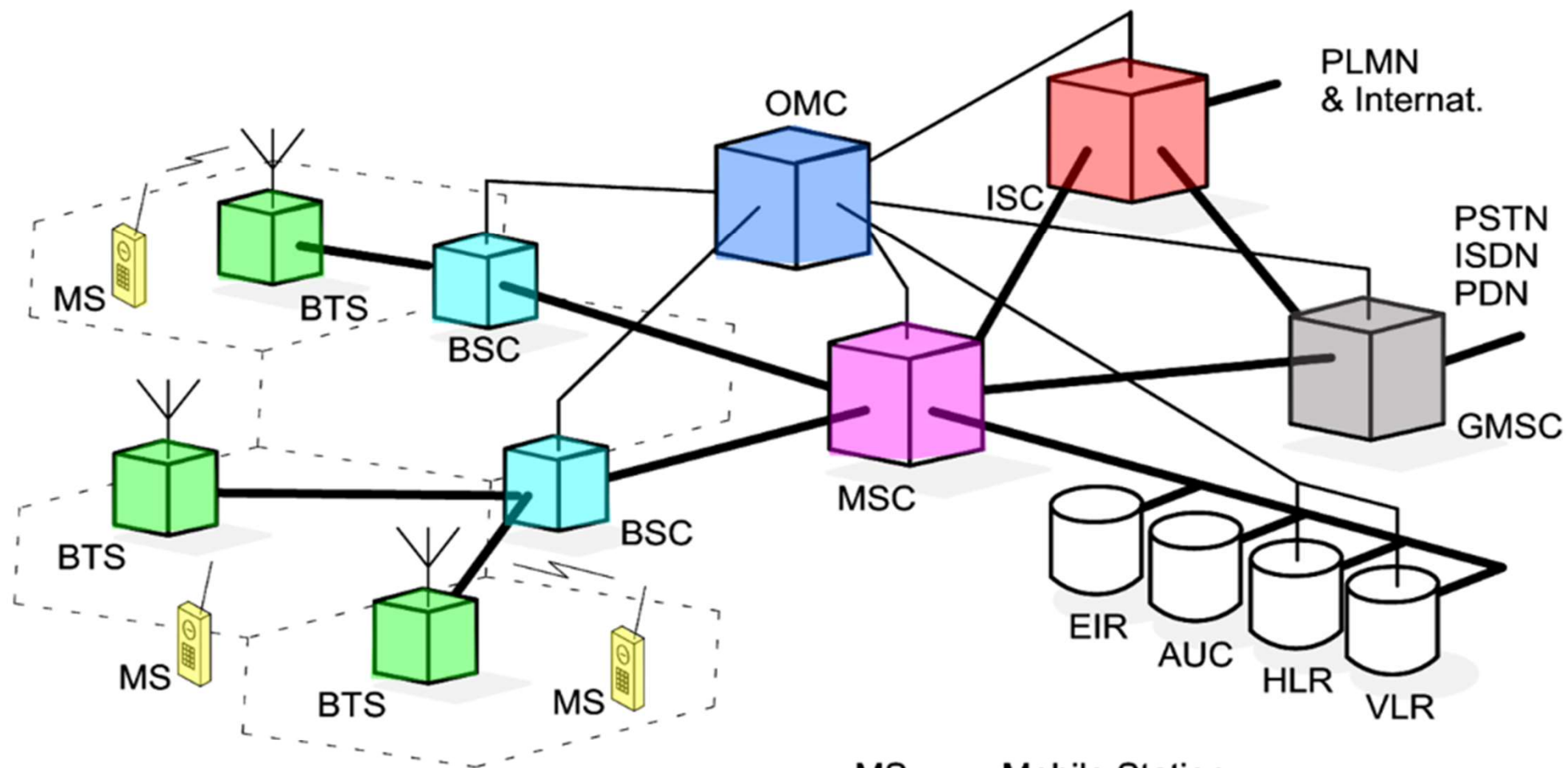
# Network Architecture



BTS Base Transceiver Station  
BSC Base Station Controller  
MSC Mobile Switching Center  
GMSC Gateway MSC  
ISC International Switching Center

MS Mobile Station  
HLR Home Location Register  
VLR Visited Location Register  
EIR Equipment Identity Register  
AUC Authentication Center  
OMC Operation and Maintenance Center



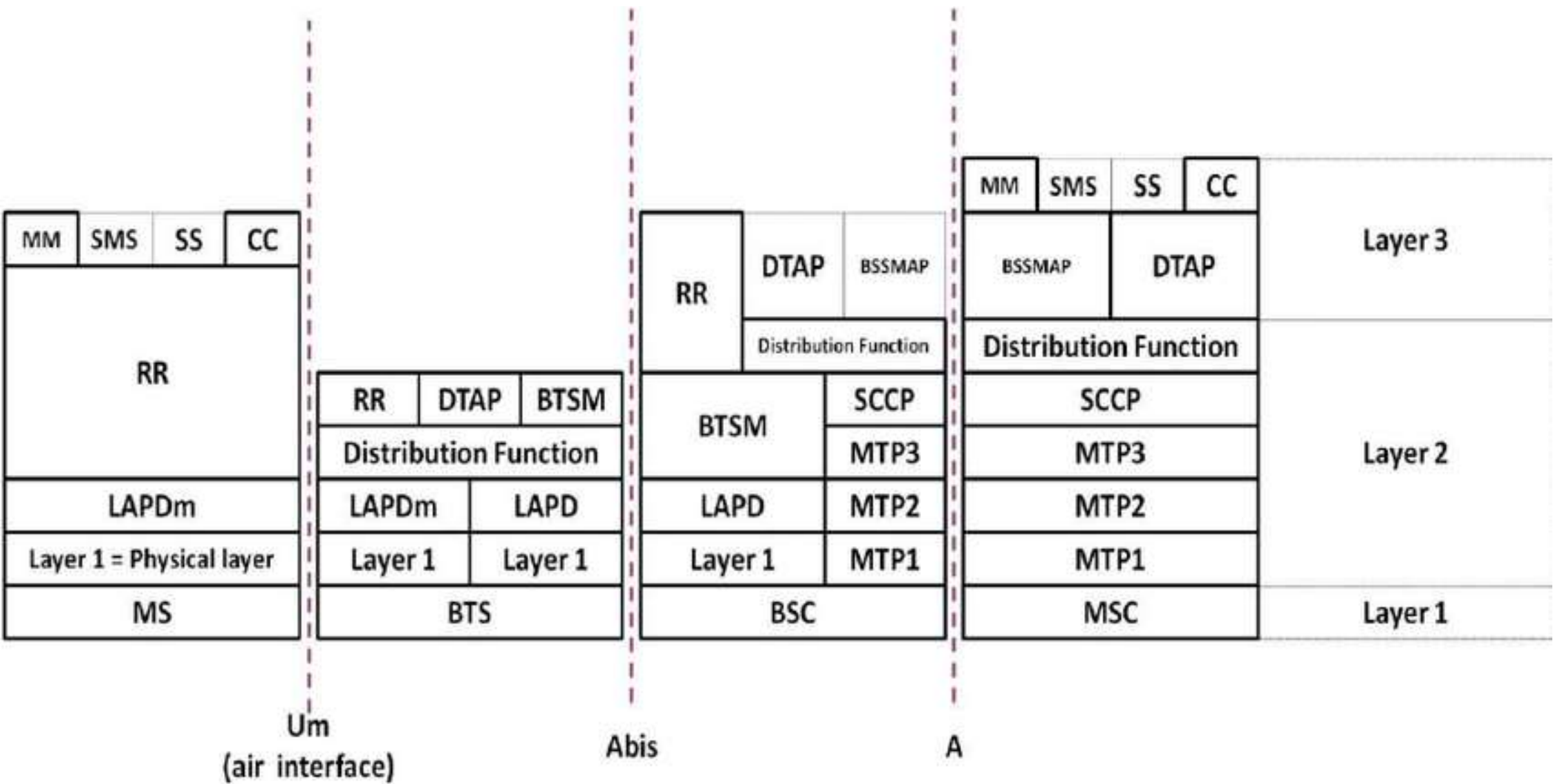


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**Let's see the work...**