SDS Network
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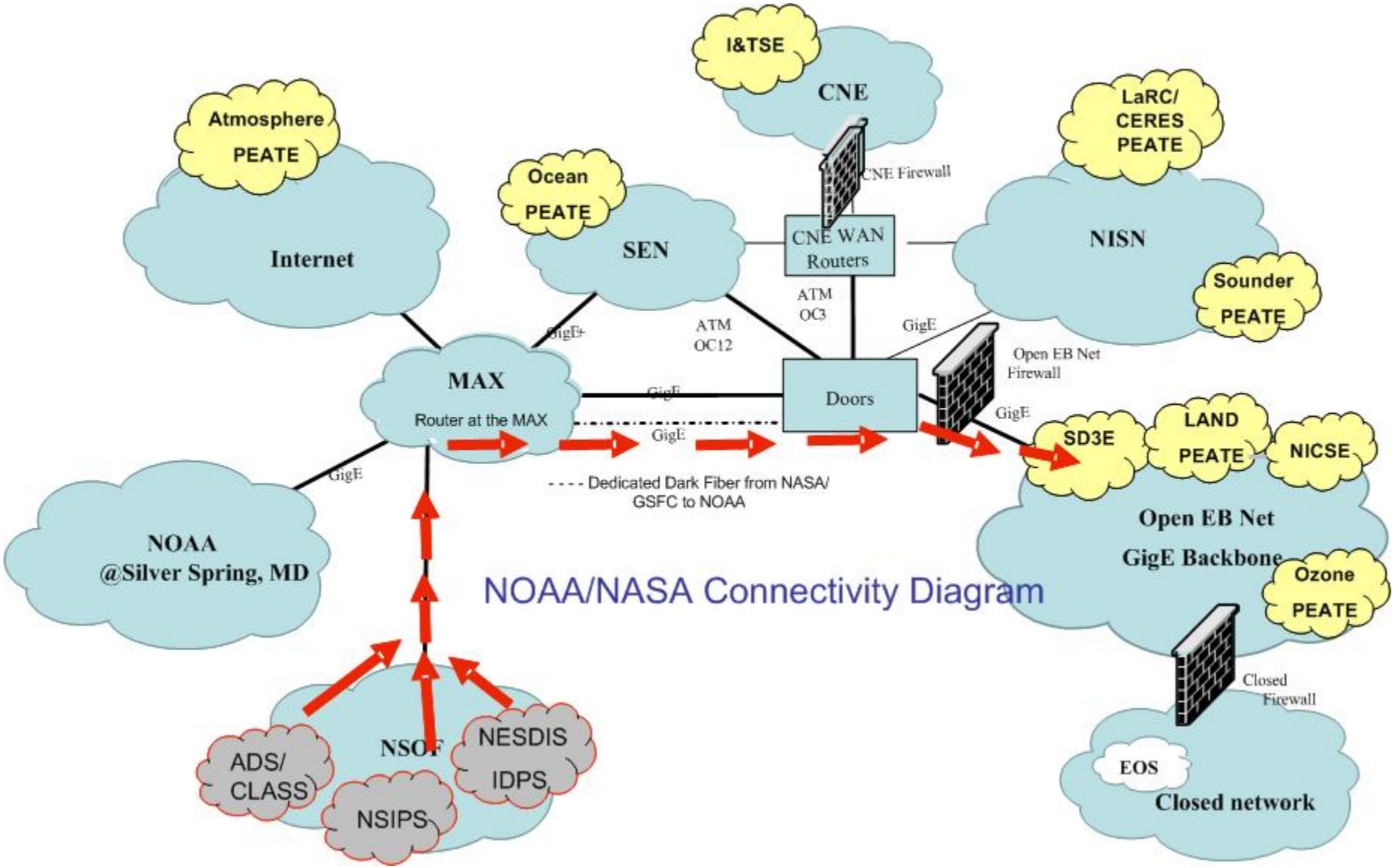
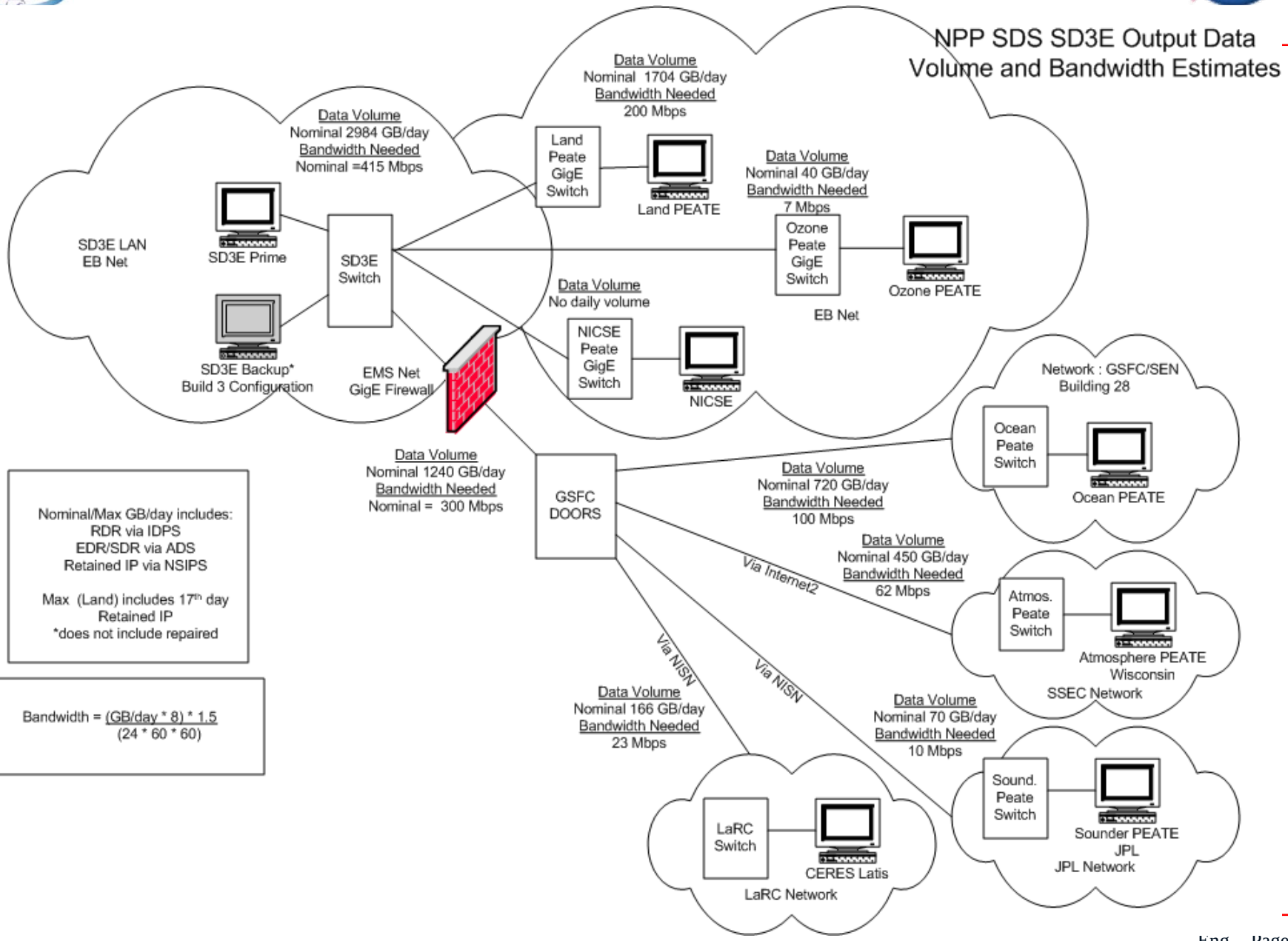
Inbound Network



Outbound Network



Distribution Network Analysis

Data Flow	Total Daily Volume	Estimated Bandwidth	Comment
Land PEATE	1.7 TB [RDR 150 GB] [SDR 760 GB] [EDR 192 GB] [½ VIIRS RIP ~570 GB]	200 Mbps	Need to baseline bandwidth Local GSFC network/not expecting bandwidth issue SD3E -> Land (Local EB Net flow)
Ozone PEATE	40 GB [RDR 4GB] [SDR 36GB] [EDR .01GB] [OBC RIP .01GB]	7 Mbps	Need to baseline bandwidth Local GSFC network/not expecting bandwidth issue SD3E -> OMI (Local EB Net flow)
Ocean PEATE	720 GB [RDR 150 GB] [SDR 304 GB] [EDR 132 GB] [RIP 8 GB]	100 Mbps	Need to baseline bandwidth Local GSFC network/not expecting bandwidth issue SD3E -> DOORS -SEN
Atmosphere PEATE	445 GB [RDR 150 GB] [SDR 3 GB] [EDR 16 GB] [1/6 VIIRS RIP ~275 GB]	62 Mbps	10 % margin in bandwidth circuit to Wisconsin. Atmosphere PEATE reduces amount of VIIRS Retained IPs SD3E-> DOORS -> Internet2 -> SSEC
Sounder PEATE	81 GB [RDR 19 GB] [SDR 52 GB] [EDR 1 GB] [RIP 9 GB]	10 Mbps	50 % margin in bandwidth circuit to JPL SD3E -> DOORS –> NISN -> JPL
CERES (LaRC)	166 GB [RDR 25 GB]	23 Mbps	Land -> DOORS -> NISN -> LaRC