



*Apptis*

***Give NAS a BRAC***

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# Looking Back



- *1959 – Installing VORTACs*
- *1964 – Shutting down NDBs*
- *1967 – Looking at satellites for CNS*
- *1976 – Replacing ILS with MLS*
- *1981 – Shutting down Loran C*
- *1985 – Paying all the bills for the NAS*

# Litany of the acronyms



- VOR, DME, NDB, TACAN, LORAN, LOC, GS, MARKER, MLS, JPALS, LAAS, WAAS, GPS, .....
- ARSR, ASR, ASDE, PAR, TDWR, ADS-B ATCBI, Mode S, NEXRAD, PAM.....
- RTR, RCAG, BUEC, NEXCOM, VDL MODE 1/2/3/4, UHF, CPDLC, .....
- ARTCC, ATCT, TRACON, FSS, ATCSCC, .....

# Some Realities



- *Every facility is loved by somebody !*
- *Nobody but Russ Chew & Steve Zaidman cares about the upkeep costs !*
- *“Ear marks” are all too common !*
- *AOPA speaks LOUD !*

# Some Consequences



- *NAS Infrastructure costs*
  - *Equipment replacement*
  - *Staffing*
  - *Buildings, roads, utilities, rents,*
  - *Environmental liability*
- *Stifled progress*
  - *Money for modernization*
  - *Avionics equipage*
  - *Airspace redesign*
  - *Flight procedures*

# Some “solutions”



- *Federal Radio Navigation Plan*
- *Case by case elimination*
- *Outsourcing*

# BRAC – A real solution



- *BRAC is Base Realignment and Closure*
  - *Periodic Rationalization of the DoD installations*
  - *Aggregates all base proposals into a single package for Congressional action*
  - *Takes the debate to a national level*
- *A BRAC process for NAS will*
  - *Eliminate “trench warfare”*
  - *Make manifest the benefits of downsizing*

# Post BRAC scenario



- *No Loran C*
- *No VOR*
- *No LOC or Marker*
- *No RTR or BUFC*
- *No primary radar [ ASR, ARSR, ASDE]*
- *4 ACFs [ no ARTCCs and few TRACONs]*



# Useful Definitions

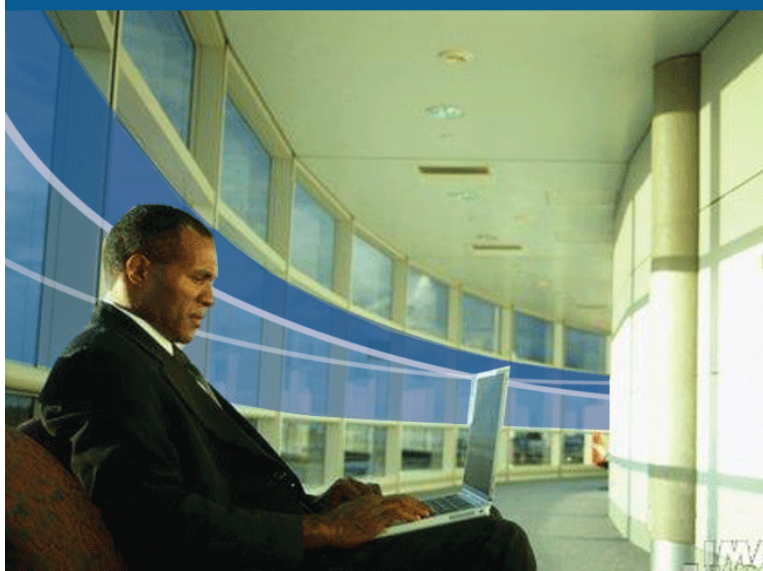


- *Consensus = getting all parties (stakeholders) to agree to something.*
- *Consultation = asking all parties (stakeholders) for their input.*
- *Leadership = avoiding stalemate by knowing the difference.*

# Conclusion



- *We are [still] at an impasse*
- *The US is paying a price in dollars and in stifled ATM progress*
- *Bold action is needed – FY 08 Budget ?*



## *Contact Information*

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# Know your product



- *We Frisbies sold the pies and gave away the tin plates – who knew !!*

