

10/19/81

Questions to be Addressed

- 1) Cost of Antenna Elements. Can we get information from JPL? TIW?
- 2) Configuration.
  - Consider Mexico
  - Consider compatibility with Canadian antennas.
  - Consider compatibility with 140 ft, Haystack, OVRO for long wavelengths.
- 3) Resolve differences with Caltech study.
- 4) Location of Operation Center(s).
  - Antenna Control
  - Processor
  - Post Processing
- 5) Front Ends. FET's vs maser-upconverter.
- 6) Record System.
  - Cheaper MKIII - i.e. less flexibility
  - 1 to 4 broadband i.f.'s.
- 7) Processor?
- 8) Funding Plan (optimum).
- 9) Operations.
  - Number of People
  - Cost
  - Reliability (consider VLA systems)
- 10) Atmosphere phase corrections - input from VLA.
- 11) Local Oscillator System. Maser vs satellite link.
- 12) Level of coordination with Canada? Italy? Caltech? Europe?
- 13) Update science.
- 14) Computing needs (multiple processing of data)
- 15) What will be done
  - in 1982?
  - in 1983?
  - in 1984?