

EST. GAGE COSTS

8-74

PROPOSED TIPPING BUCKET

- STOCK MATERIAL 12ft. x 12in. o.d. — 75⁰⁰
- GAGE TOP w/funnel — 60⁰⁰
- RADIO (10 watt) — 400⁰⁰
- NICAD Battery (each) — 100⁰⁰
- ANTENNA —

DIPOLE — 95⁰⁰

YAGGI — 140⁰⁰

* TIPPING BUCKET UNIT — 300⁰⁰

* 1030⁰⁰ ± 1100⁰⁰

* LOWER COST

CURRENT FISCHER PORTER -

F/P PACKAGE — \$ 1200⁰⁰

RADIO RECORD. PAK {
RADIO
ANTENNA
NICAD BATTERIES
LOGIC CIRCUIT-RECORD. EQ. } 5120⁰⁰
* 6320⁰⁰

14172L STORAGE GAGE TYPE

* GAGE — 600⁰⁰

RADIO-RECORD PACKAGE — 5120⁰⁰

* 5720⁰⁰

* constructed from STOCK MATERIAL BY DWR PERSONNEL AT THEIR MAINTENANCE YARD

ESTIMATED MAINT. COSTS

PROPOSED TIPPING BUCKET :

- BATTERY CHANGE (once-a-year)
- RADIO OR OTHER REPAIR
- MAN HOURS - (variable)
- TRAVEL - (variable)

GILKER
STAKE

American R.
Thiokol System -
5 sites
+ console -

CURRENT SYSTEMS :

- BATTERY CHANGE (once-a-year)
- GAGE RECHARGE (once-a-year)
- TAPE CHANGE (
- MANUAL DUMP
- RADIO OR OTHER REPAIR
- MAN HOURS

Thiokol 100" STORAGE GAGE
approx. \$3,500⁰⁰ year

AMERICAN R. HYTEL SYSTEM:

5 STATIONS + 1 base

269 man hrs.

Direct Labor - \$250⁰⁰

PER DIEM - 150⁰⁰

VEHICLE COST - 200⁰⁰

SUPPLIES - 100⁰⁰

700⁰⁰

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 $\frac{269}{5} = 54$ man hrs. per remote site (45 man hrs. for total system)

$\frac{\$700}{5} = \$140⁰⁰$ per remote site (117⁰⁰ for total system)

BETTER THE ANTENNA - LESS WATTAGE REQUIRED FOR TRANSMISSION
ANTENNA COSTS - \$200⁰⁰

ANTENNA SHOULD BE MINIMUM OF 20 FT. ABOVE GROUND SURFACE

@ 3,000 ft. elevation 5 watt reaches about 40 miles

@ 5,000 ft. elevation 5 watt reaches about 60-80 miles

F/P BATTERY PAK (44) \$20⁰⁰ + box = \$50⁰⁰