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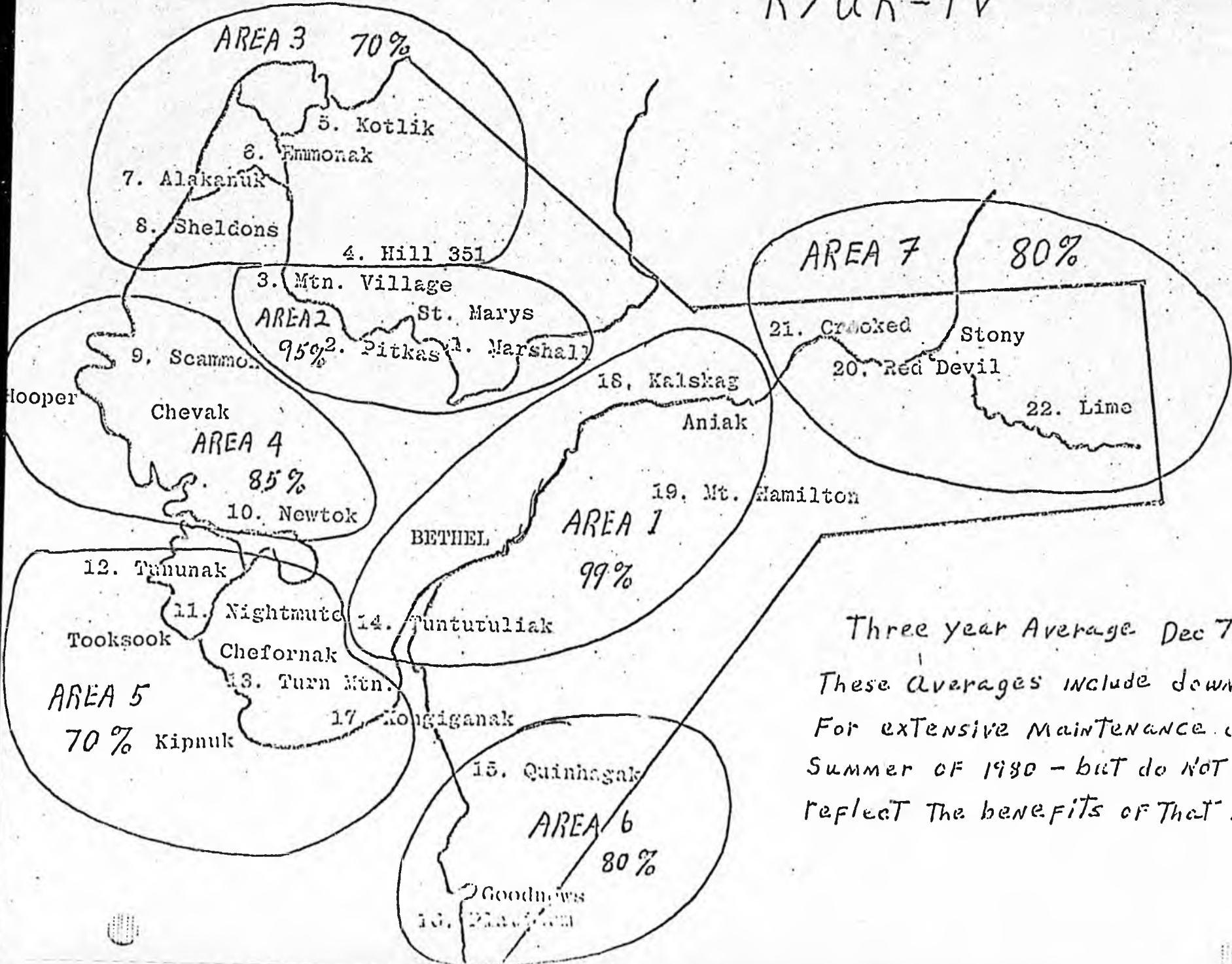
SB 530

KYUK-TV

Village Coverage

1977 - 1980

# KYUK-TV



Three year Average Dec 77 - 80  
These averages include down time  
for extensive maintenance during  
summer of 1980 - but do NOT yet  
reflect the benefits of that maint.

KYUK TV Translator Proposal

Area 1 to maintain 99%

Tuntatuliak:

Replace tube type equipt with solid state 6,000.

Kalskag:

Redundant power line 7,500.

Solid state splitter 3,000. 16,500

Area 2 for 99%

Marshall:

Redundant power line 9,700

Redundant Pre amp and Translator 7,500

Mountain Village:

Redundant Power Line 2,500

Solid state 5 watt amp 4,500

Pitka's Point:

Redundant Power Line 3,000

Saint Mary's:

Translator, complete installation 21,500. 48,700

Area 3 for 98%

Hill 351:

3 ea 5 Watt amps, antennas, housing 14,000

20 watts solar power and batteries 26,000

Emmonak:

60 foot tower, New Housing 7,500

Kotlik:

60 foot tower, New Housing 7,500 55,000

Area 4 for 98%

Scammon Bay:

Redundant power line 8,000

Redundant receiving installation 5,900

Hooper Bay:

Solid state line driver 3,700

Solid state splitter 3,000

Replacement translator 5,000

Newtok:

5 Watt Amp 5,000

Additional solar power and batteries 8,300 39,800

Area 5 for 97%

Nightmute:

Redundant power line	7,500	
Replacement translator & Solid state splitter	7,900	

Tununak:

Additional 10,000 ft power line	7,500	
Replacement housing and move	2,500	

Turn Mountain:

Replace batteries, increase housing	9,400	34,800
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Area 6 for 99%

Quinhagak:

Add 5 watt amplifier and splitter	9,000	
Additional solar power and batteries	8,300	17,300

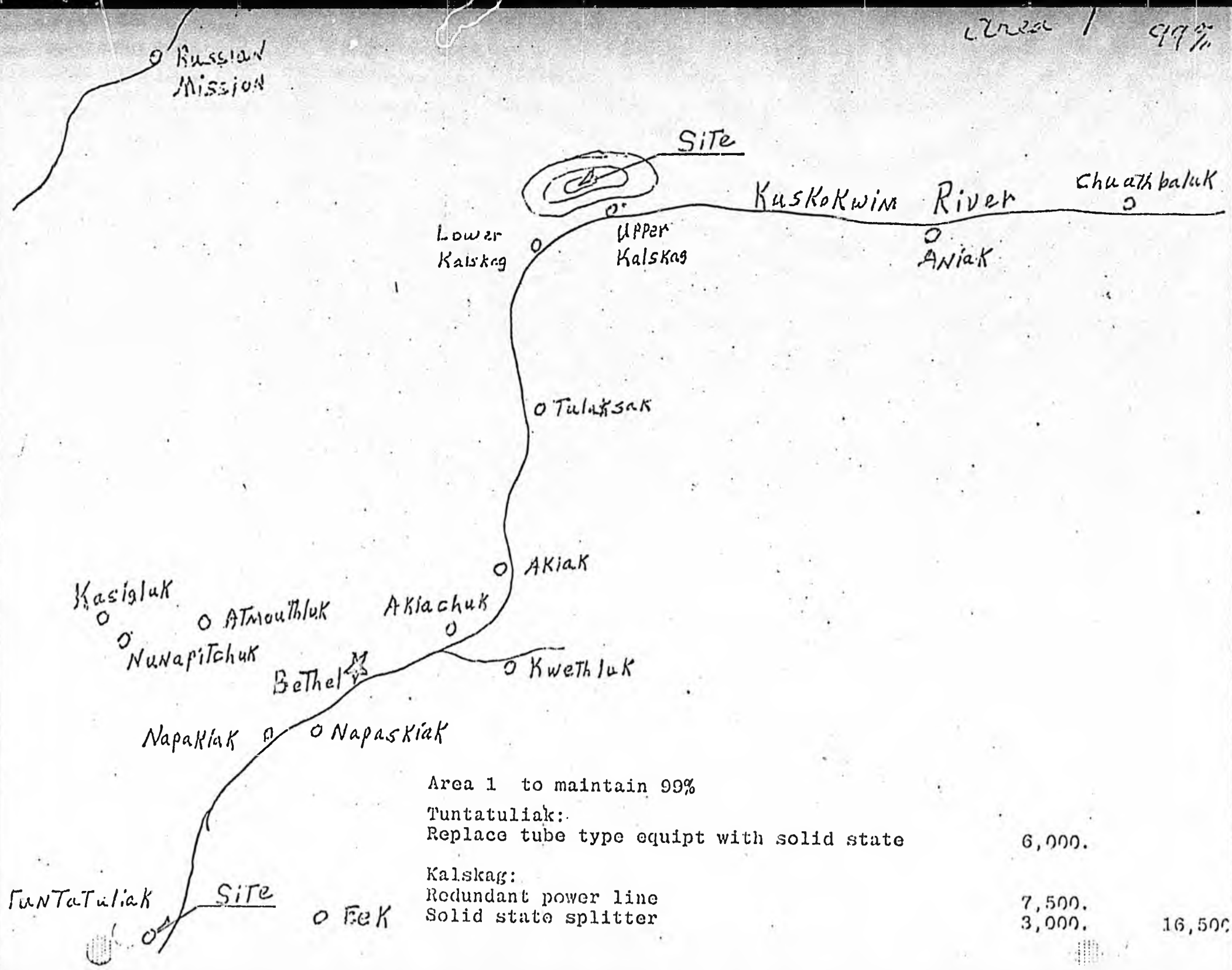
Area 7 for 99%

Red Devil:

Redundant power line	16,000	
Solid state translator and splitter	7,000	
Housing for transmitting antennas	4,500	27,500

Total:

\$239,600



Area 1 to maintain 99%

Tuntatuliak:

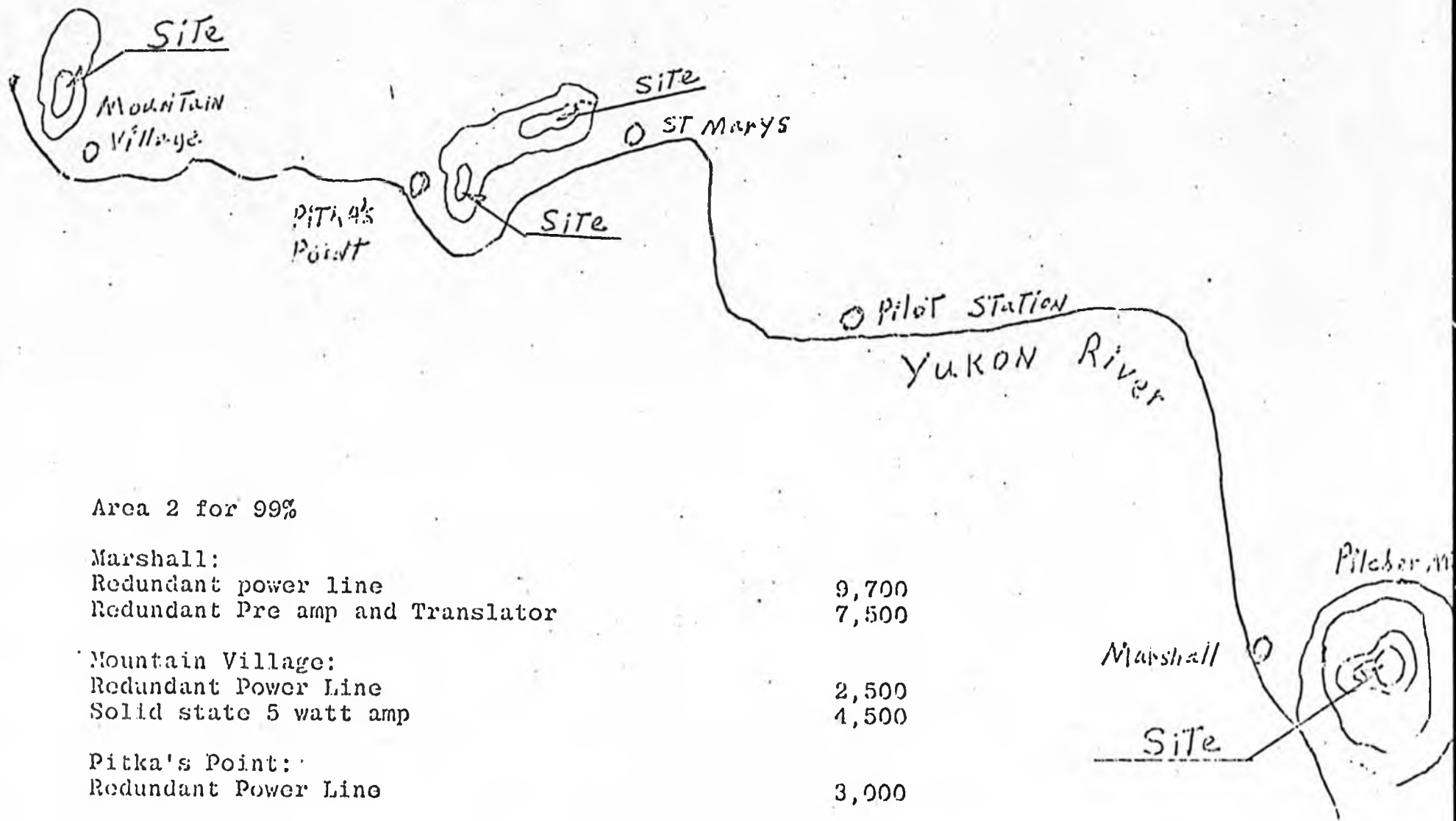
Replace tube type equipt with solid state 6,000.

Kalskag:

Redundant power line 7,500.

Solid state splitter 3,000.

16,500



Area 2 for 99%

Marshall:

Redundant power line 9,700  
 Redundant Pre amp and Translator 7,500

Mountain Village:

Redundant Power Line 2,500  
 Solid state 5 watt amp 4,500

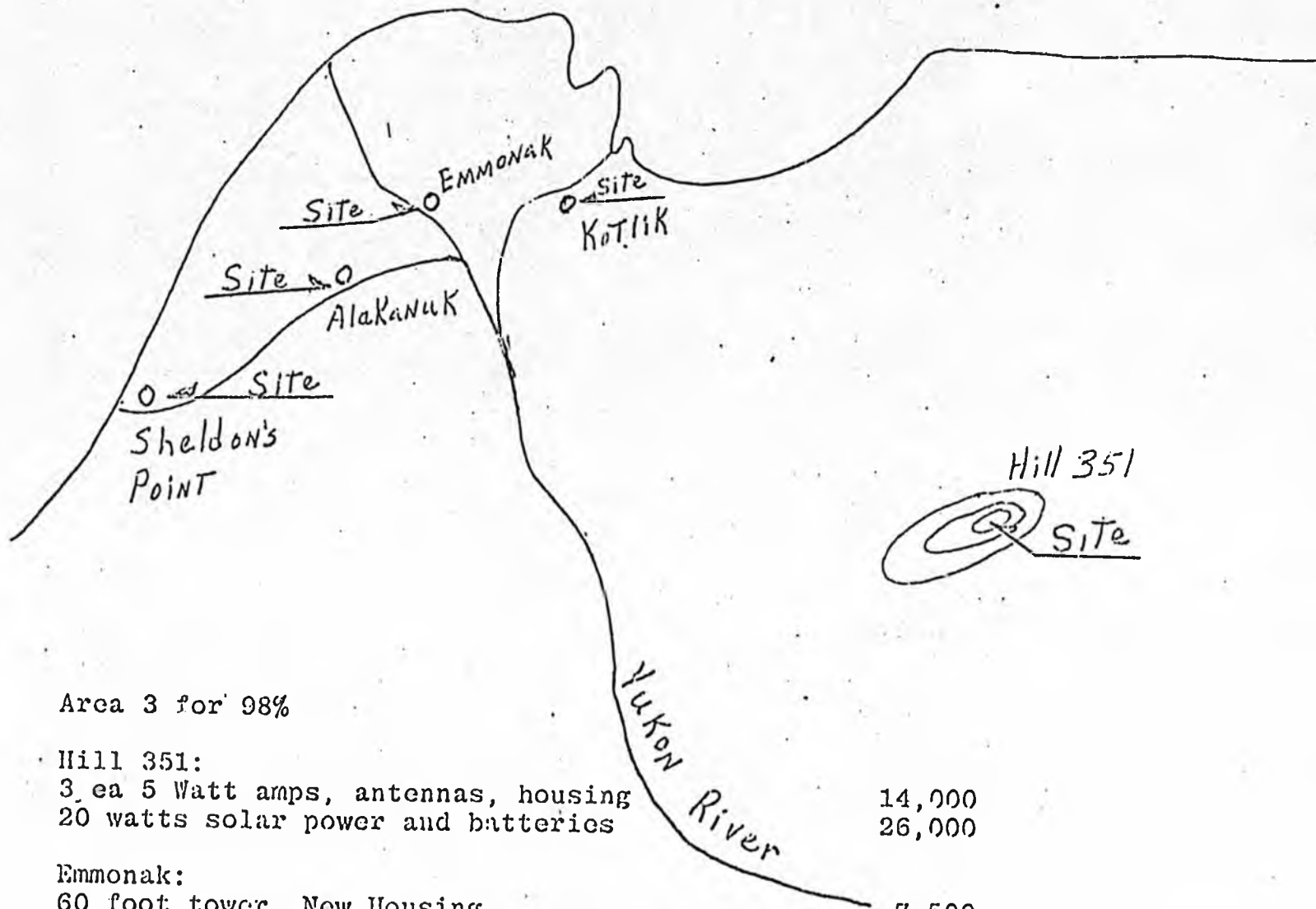
Pitka's Point:

Redundant Power Line 3,000

Saint Mary's:

Translator, complete installation 21,500. 48,700

Area 3 70%



Area 3 for 98%

Hill 351:

3 ea 5 Watt amps, antennas, housing  
20 watts solar power and batteries

14,000  
26,000

Emmonak:

60 foot tower, New Housing

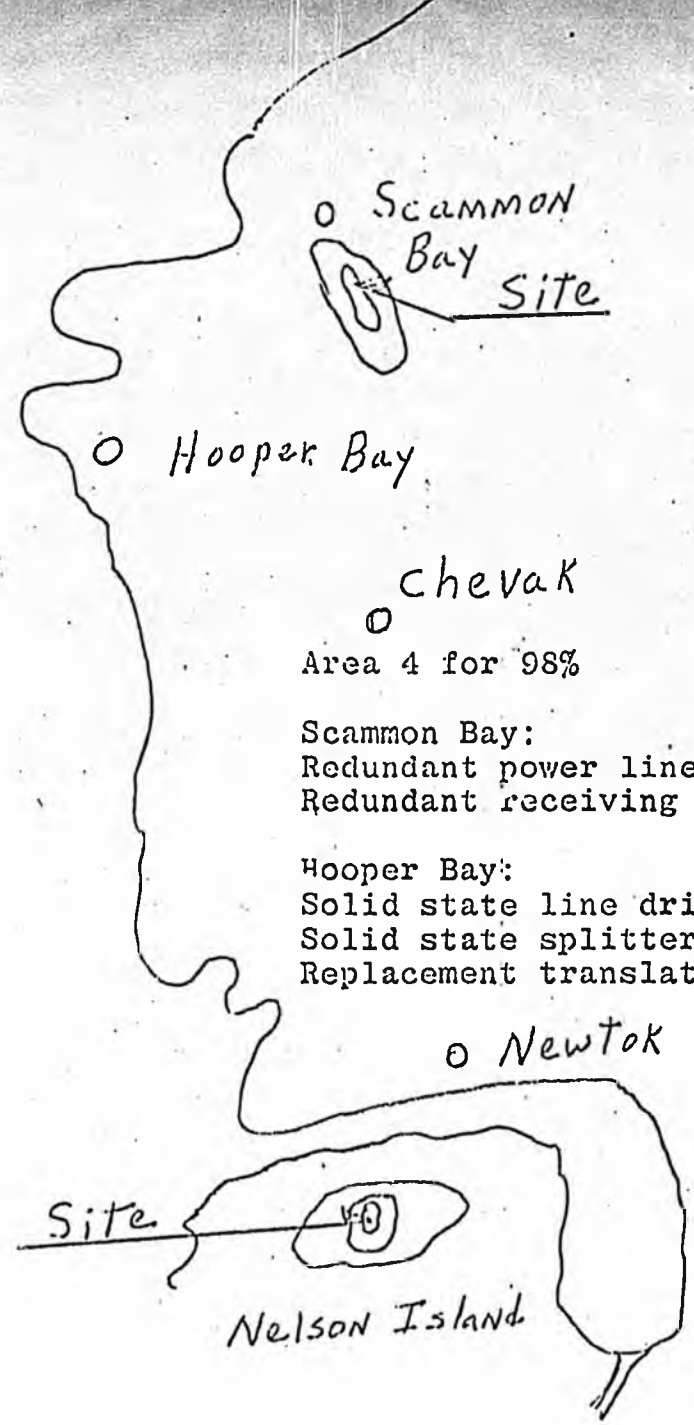
7,500

Kotlik:

60 foot tower, New Housing

7,500

55,000



Chevak  
Area 4 for 98%

Scammon Bay:	
Redundant power line	8,000
Redundant receiving installation	5,900

Hooper Bay:	
Solid state line driver	3,700
Solid state splitter	3,000
Replacement translator	5,000

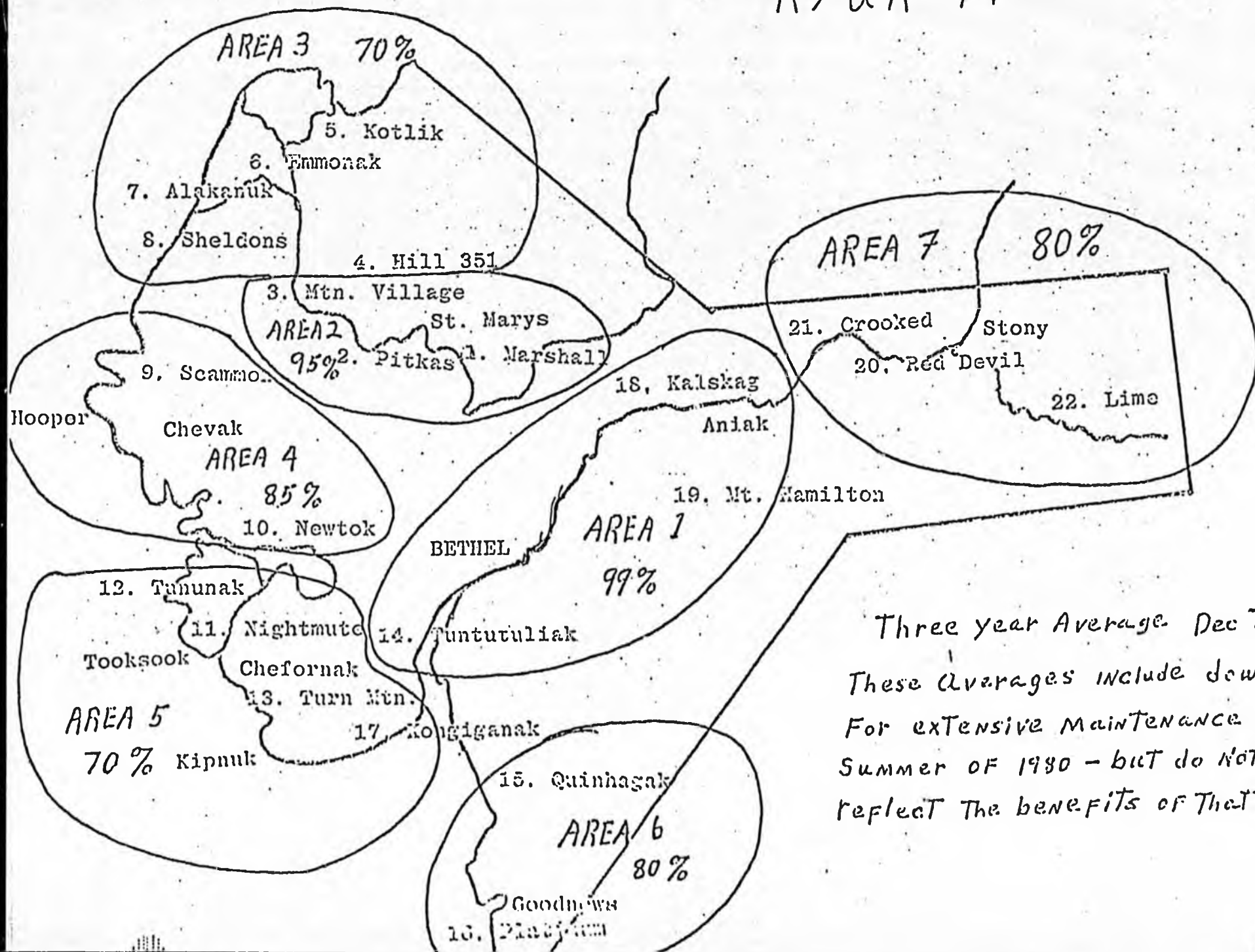
Newtok

Site  
Nelson Island

Newtok:	
5 Watt Amp	5,000
Additional solar power and batteries	8,300

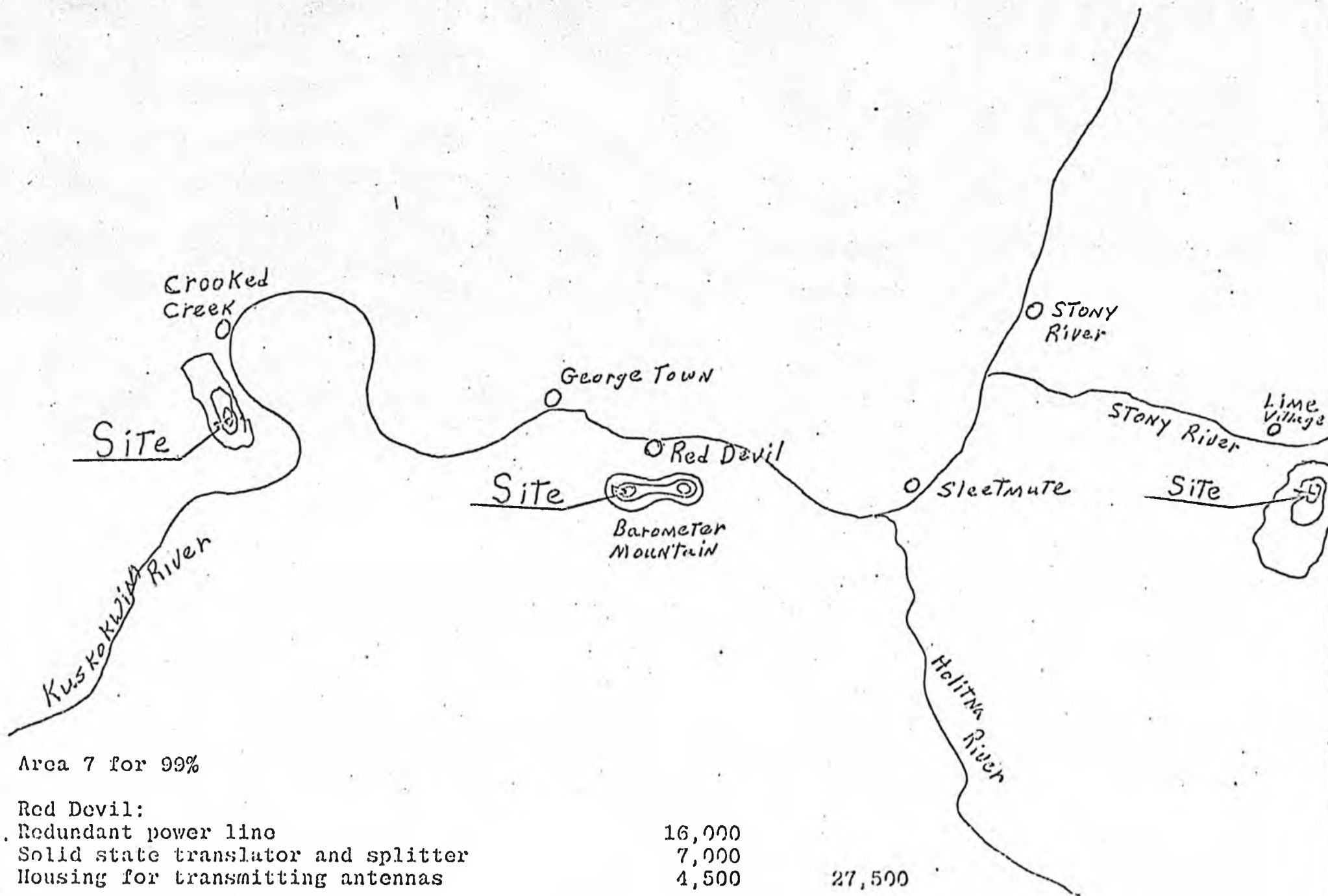
30,900

# KYUK-TV



Three year Average Dec 77 - 80  
These averages include down time  
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reflect the benefits of that maint.

Area 7 30%



Kuskokwim River

Area 6 80%

○ Quinhagak



Area 6 for 99%

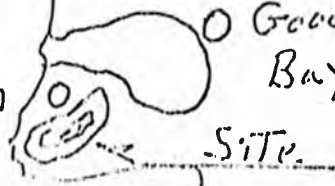
Quinhagak:  
Add 5 watt amplifier and splitter  
Additional solar power and batteries

9,000  
8,300

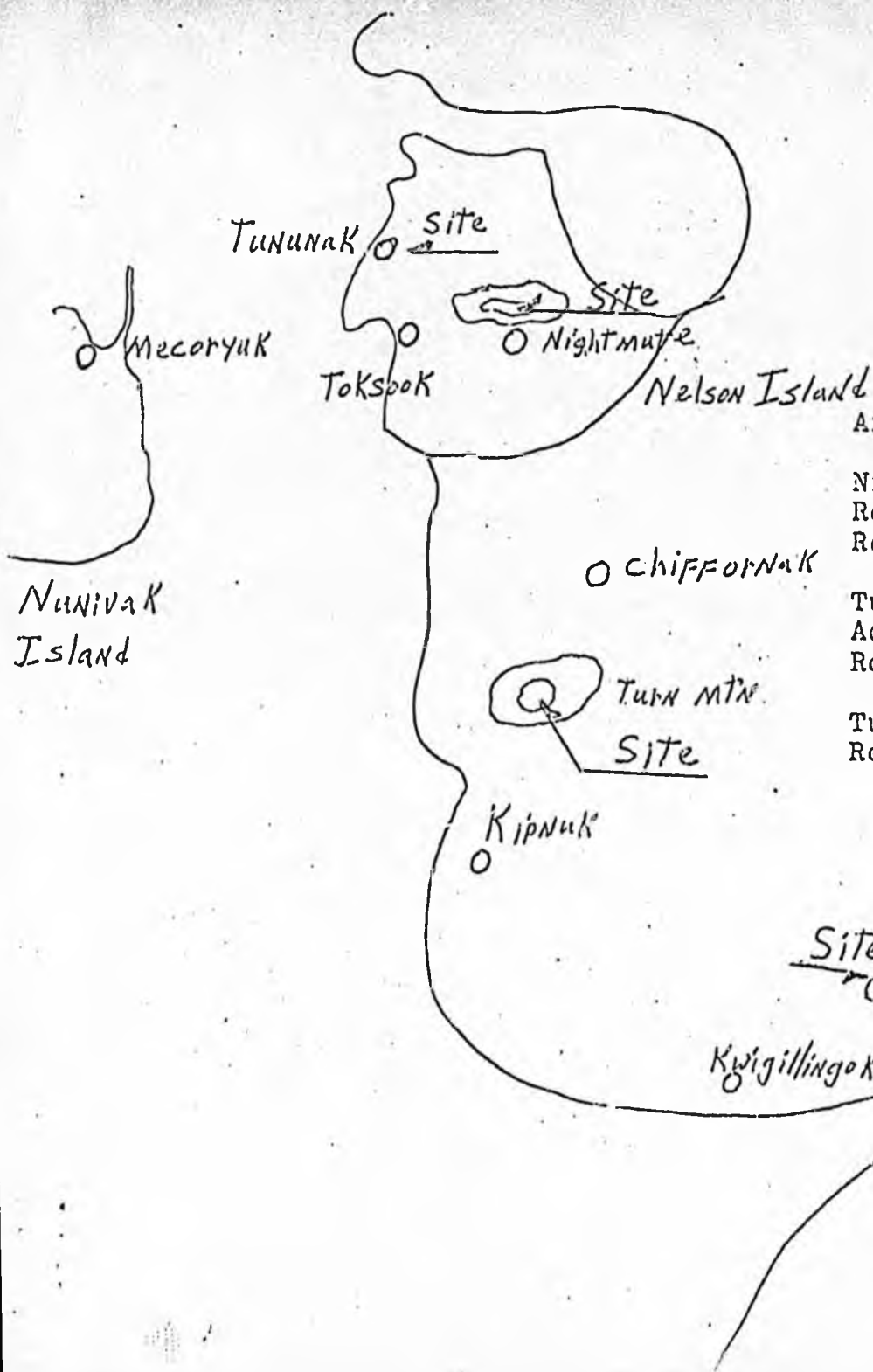
17,300

○ Goodnews Bay

Platinum



Area 5 70%



Area 5 for 97%

Nightmute:

Redundant power line

7,500

Replacement translator & Solid state splitter

7,900

Tununak:

Additional 10,000 ft power line

7,500

Replacement housing and move

2,500

Turn Mountain:

Replace batteries, increase housing

9,400

34,800