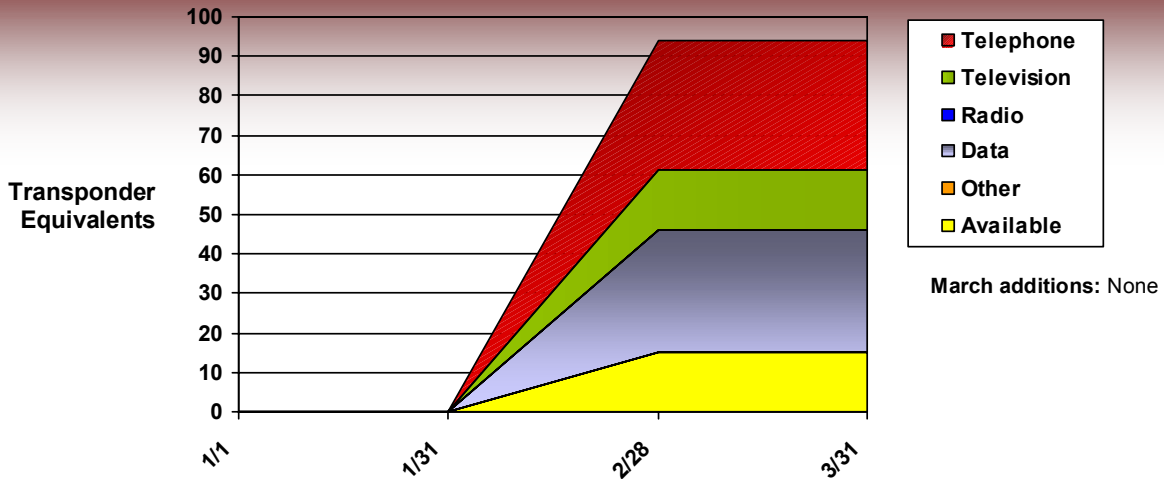




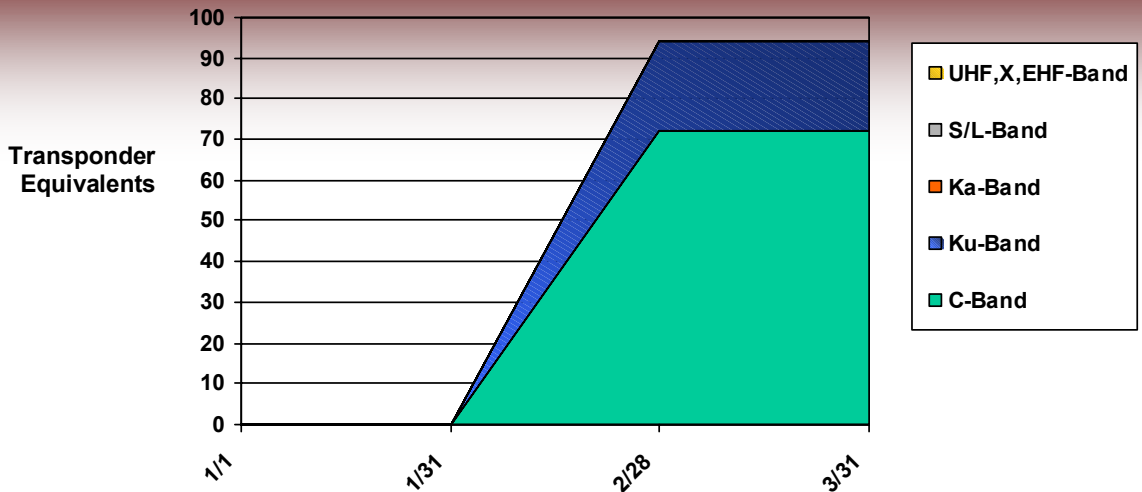
# Futron Satellite Telecommunications Report

## 2003 Cumulative 36-MHz Transponder Equivalents Launched by Application



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Telephone	0	33	33									
TV	0	15	15									
Data	0	31	31									
Radio	0	0	0									
Other	0	0	0									
Available	0	15	15									
Totals	0	94	94									

## 2003 Cumulative 36-MHz Transponder Equivalents Launched by Frequency



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C-Band	0	72	72									
Ku-Band	0	22	22									
Ka-Band	0	0	0									
S/L-Band	0	0	0									
UHF,X,EHF-Band	0	0	0									
Totals	0	94	94									

For more information contact:

S. Suzette Beard

Space Industry Analyst, Space & Telecommunications Division  
 Futron Corporation • 7315 Wisconsin Avenue, Suite 900W • Bethesda, MD 20814  
 301-347-3454 • sbeard@futron.com