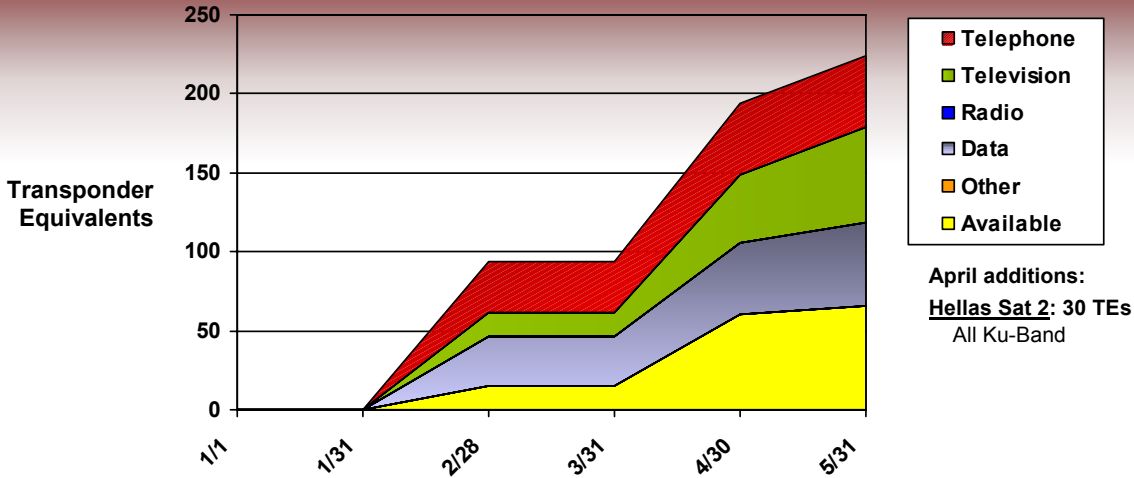




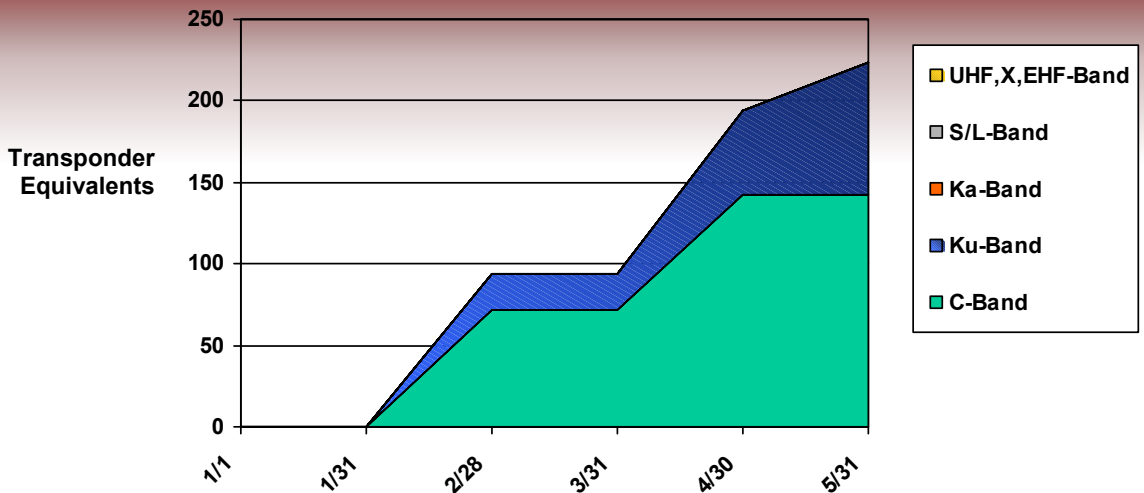
Futron Satellite Telecommunications Report

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	45	45							
TV	0	15	15	43	61							
Data	0	31	31	46	52							
Radio	0	0	0	0	0							
Other	0	0	0	0	0							
Available	0	15	15	60	66							
Totals	0	94	94	194	224							

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	142	142							
Ku-Band	0	22	22	52	82							
Ka-Band	0	0	0	0	0							
S/L-Band	0	0	0	0	0							
UHF,X,EHF-Band	0	0	0	0	0							
Totals	0	94	94	194	224							

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