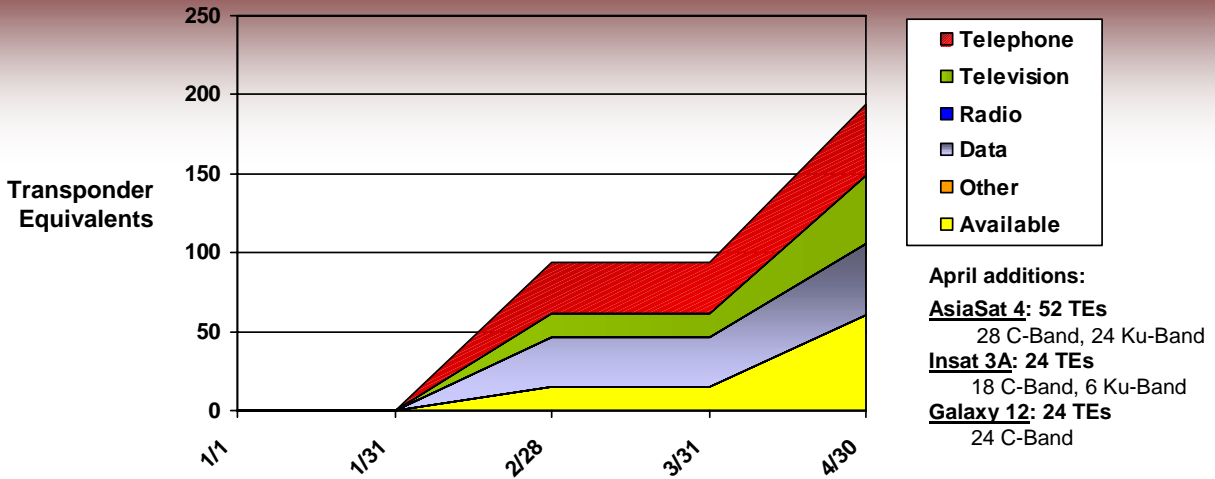




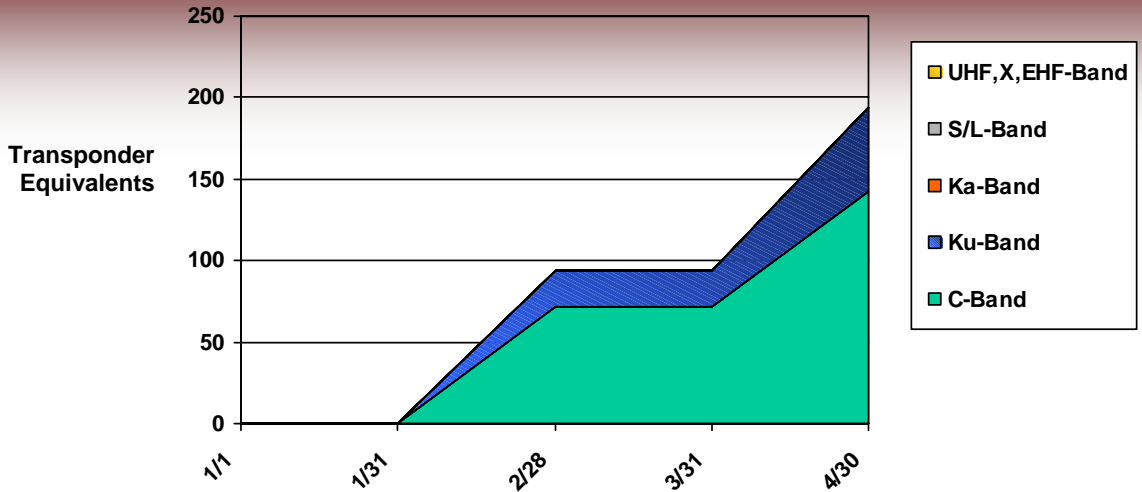
Futron Satellite Telecommunications Report

2003 Cumulative 36-MHz Transponder Equivalents Launched by Application



2003 Cumulative 36-MHz Transponder Equivalents by Application													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Telephone	0	33	33	45									
TV	0	15	15	43									
Data	0	31	31	46									
Radio	0	0	0	0									
Other	0	0	0	0									
Available	0	15	15	60									
Totals	0	94	94	194									

2003 Cumulative 36-MHz Transponder Equivalents Launched by Frequency



2003 Cumulative 36-MHz Transponder Equivalents by Frequency												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C-Band	0	72	72	142								
Ku-Band	0	22	22	52								
Ka-Band	0	0	0	0								
S/L-Band	0	0	0	0								
UHF,X,EHF-Band	0	0	0	0								
Totals	0	94	94	194								

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