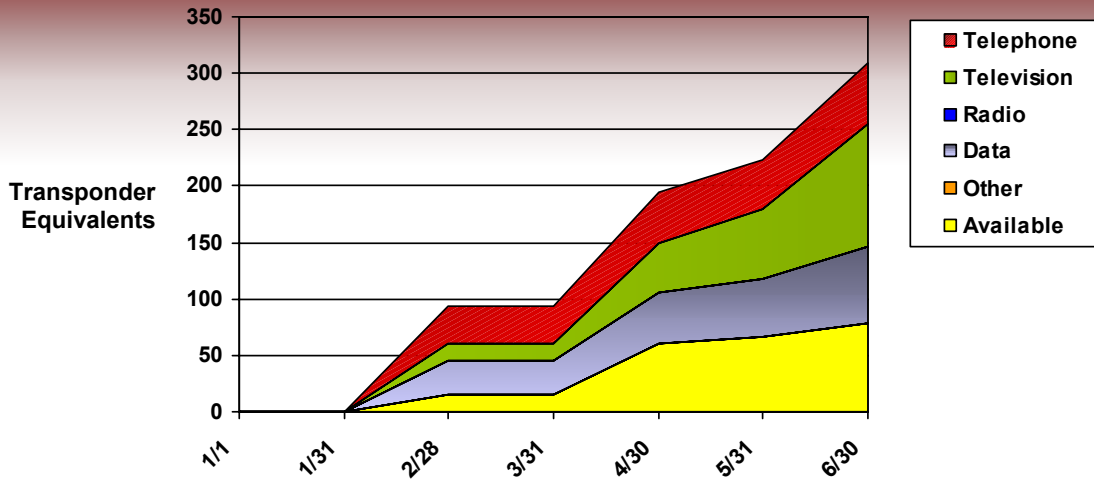




# Futron Satellite Telecommunications Report

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



June additions:

**AMC 9:** 48 TEs  
 24 C-Band  
 24 Ku-Band

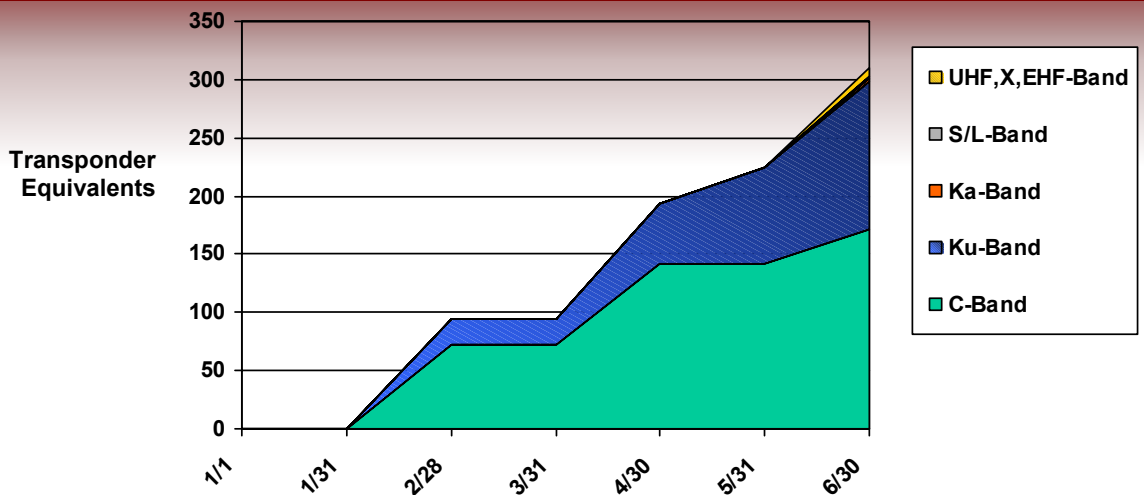
**BSAT 2C:** 4 TEs  
 4 Ku-Band

**Optus C1:** 27 TEs  
 16 Ku-Band  
 4 Ka-Band  
 7 X-Band

**Thuraya 2:** 6.9 TEs  
 6 C-Band  
 0.9 L-Band

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	45	55.1								
TV	0	15	15	43	61	108								
Data	0	31	31	46	52	69								
Radio	0	0	0	0	0	0								
Other	0	0	0	0	0	0								
Available	0	15	15	60	66	77.8								
Totals	0	94	94	194	224	309.9								

## 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	142	172							
Ku-Band	0	22	22	52	82	126							
Ka-Band	0	0	0	0	0	4							
S/L-Band	0	0	0	0	0	.9							
UHF,X,EHF-Band	0	0	0	0	0	7							
Totals	0	94	94	194	224	309.9							

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