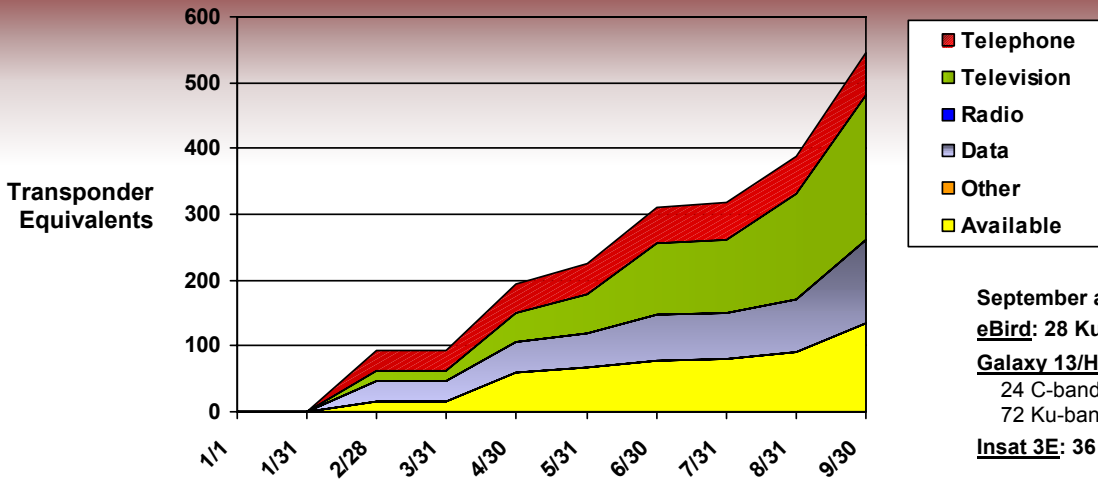




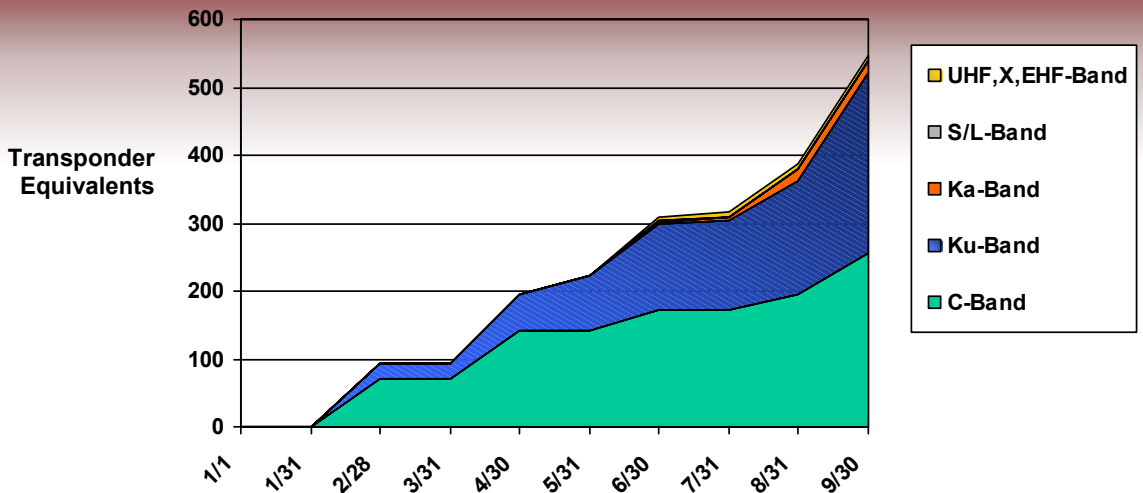
Satellite Telecommunications Report

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	45	55.1	55.1	55.1	66.1				
TV	0	15	15	43	61	108	113	162	220				
Data	0	31	31	46	52	69	69	78	127				
Radio	0	0	0	0	0	0	0	0	0				
Other	0	0	0	0	0	0	0	0	0				
Available	0	15	15	60	66	77.8	79.8	91.8	133.8				
Totals	0	94	94	194	224	309.9	316.9	386.9	546.9				

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	172	196	256				
Ku-Band	0	22	22	52	82	126	133	165	265				
Ka-Band	0	0	0	0	0	4	4	18	18				
S/L-Band	0	0	0	0	0	0	.9	.9	.9				
UHF,X,EHF-Band	0	0	0	0	0	7	7	7	7				
Totals	0	94	94	194	224	309.9	316.9	386.9	546.9				

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