

Space Qualified Oscillator Contracts

Dec-06

CUSTOMER	PROGRAM	MODEL NUMBER	AWARD	QTY
NAVAL RESEARCH LABS	NST-2 TIMATION	FTS 1251	1973	5
ROCKWELL INTERNATIONAL	GPS I & 11/11A	FTS 9100	1978, 1983	72
GENERAL ELECTRIC	LANDSAT-D	FTS 9000, FTS 9001	1981	4
WESTINGHOUSE	US GOVERNMENT	FTS 9002/S01	1988	17
		FTS 9002/S01	1995	4
HUGHES SPACE & COMM.	LEASAT	FTS 9017	1982	10
HUGHES SPACE & COMM.	MISSION 34	FTS 9120	1982	1
MIT/LINCOLN LAB	FLTSATCOM	FTS 9125	1984	12
GE/MARTIN MARIETTA CORP	TELSTAR 4	FTS 9320/21	1990	23
FAIRCHILD	EXPLORER PLATFORM	FTS 9003	1991	12
SAAB ERICSSON/SPACE	COLUMBUS/SOHO	FTS 9322/23	1991	9
GE/MARTIN MARIETTA CORP	SPACE STATION	FTS 9330	1991	3
SAAB ERICSSON/SPACE	ENVISAT	FTS 9323	1992	3
FIAR (ITALY)	CASSINI	FTS 9324	1993	4
MITEC (AUSTRALIA)	INTELSAT VIII	FTS 9325/28	1993	54
MARTIN MARIETTA CORP	EOS-AM MASTER OSC	FTS 9500	1993	3
MARTIN MARIETTA CORP	EOS KU-BAND	FTS 9420/21	1994	14
ROCKWELL INTERNATIONAL	GPS RECEIVER (Space borne)	FTS 9520	1994	1
GENERAL DYNAMICS	GPS RECEIVER (Space borne)	FTS 9521	1994	4
		FTS 9720	1995	20
		FTS 9720	1997	6
		Datum 9720A	2001	31
TRW	SBIRS LOW (Formally SMTS)	FTS 9450	1995	2
ORBITAL SCIENCES CORP	ORBCOMM	FTS 9620	1995	12
LORAL-CONIC/LMC	MTSAT	FTS 9621	1996	3
MATRA MARCONI SPACE, LTD	X1	FTS 9623	1996	3
BALL AEROSPACE	QUICKBIRD, QUICKBIRD II	FTS 9425	1996, 1999	4
	QUICKSCAT	FTS 9425	1997	2
	ICESAT	FTS 9427	1999	2
	CLOUDSAT	Datum 9427	2001	2
	NPP	Symmetricom 9427	2003	4
	NEXTVIEW	Symmetricom 9427	2003	2
BOEING NORTH AMERICA	GPS IIF	FTS 9400/520	1996	20
LOCKHEED MARTIN	ADVANCE COMM RECEIVER LO	FTS 9722	1997	2
TRW	EOS COMMON	FTS 9650	1997	5
TOSHIBA	ETS-8	FTS 9400/520	1998	3
LOCKHEED MARTIN	SBIRS HIGH	Datum 9452	1998	1
		Datum 9452	2001	6
SAAB ERICSSON SPACE	GRAS	Datum 9624	1999	4
			2001	1

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RAYTHEON E-SYSTEMS	OPTUS	Datum 9724	1999	5
TRW	ASTROLINK	Datum 9750	2000	5
JPL	CLOUDSAT	Datum 9627	2001	3
SPECTRUM ASTRO	CLOUDSAT	Datum 9625	2001	9
ALENIA	SAR 2000	Datum 9626	2001	11
JOHN HOPKINS UNIVERSITY - APPLIED PHYSICS LABORATORY	MESSENGER	Datum 9628	2002	6
JOHN HOPKINS UNIVERSITY - APPLIED PHYSICS LABORATORY	STEREO	Symmetricon 9725	2002	5
CONTRAVES	ACES	Symmetricon 9630	2003	3
LABEN	GOCE	Symmetricon 9628	2003	6
ANRITSU	QUAZI-ZENITH SATELLITE	Symmetricon 9726	2004	2
L3 COMMUNICATIONS	RECEIVER (Space borne)	Symmetricon 9634	2004	3
GENERAL DYNAMICS	Classified	Symmetricon 9720B	2004	12
	Classified		2005	3
	Classified		2006	7
LOCKHEED MARTIN	MUOS	Symmetricon 9751	2005	7
NASA GODDARD SPACE FLIGHT CENTER	LRO	Symmetricon 9639B	2005	5
	MO	Symmetricon 9512A	2006	2
ALCATEL ALENIA	KOMPSAT	Symmetricon 9626B	2006	4
			TOTAL	490