

ADDRESS

2/1/2006

address_name	dba_name	street1	street2	city	state_code
INTELSAT NO		3400 INTERNA		WASHINGTON	DC

zipcode	country_code	address_attentic	address_phone	address_fax_nu	address_e_mail
20008	USA	Susan H. Cran	(202) 944-7848	(202) 944-7860	susan.crandal

analog_key	satellite_key	analog_id	emission	bandwidth	signal_type
18	21		1M00N0N	1000	

no_channels	companded_talk	bottom_freq	top_freq	rms_mod_index	video_standard

video_noise_w	modulation_index	scpc_noise_w	cn_objective	ci_objective

signal type
CSSB/AM
CFDM/FM
FDM/FM
TV/FM
SCPC/FM

assoc_stn_type
E
S

beam_key	satellite_key	beam_id	tr_mode	gain_peak	gain_edge
11	2	IBRX	R	47.74	40.74
12	2	KATR	T	44.35	37.35

pointing_error	rotational_error	min_xpol_isolati	polar_switchable	polar_alinement	service_area_id
0.15	0.46		N		1
0.15	0.46		N		2

input_losses	output_power	max_eirp	system_noise_t	max_g_over_t	min_sflux_dens
			2193	14.3	-100
3.55	44.16	60.8			

attenuator_max	attenuator_step
20	1

condition_key	beam_key	condition_code
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beam_contour	beam_gxt_key	num_points	gain	contour_type	point_type
103	102	1	0B		LL
105	102	35	-2C		LL
141	102	51	-4C		LL
193	102	61	-6C		LL
255	102	71	-8C		LL
327	102	79	-10C		LL
407	102	79	-15C		LL
487	102	83	-20C		LL
571	102	87	-25C		LL
659	102	6	-30C		LL
666	102	112	-30C		LL
781	780	1	0B		LL
783	780	37	-2C		LL
821	780	47	-4C		LL
869	780	56	-6C		LL
926	780	57	-8C		LL
984	780	58	-10C		LL
1043	780	62	-15C		LL
1106	780	67	-20C		LL
1174	780	68	-25C		LL
1243	780	73	-30C		LL
1626	1625	1	0B		LL
1628	1625	25	-2C		LL
1654	1625	33	-4C		LL
1688	1625	41	-6C		LL
1730	1625	45	-8C		LL
1776	1625	49	-10C		LL
1826	1625	56	-15C		LL
1883	1625	60	-25C		LL
1944	1625	61	-20C		LL
2008	2007	1	0B		LL
2010	2007	31	-2C		LL
2042	2007	45	-4C		LL
2088	2007	53	-6C		LL
2142	2007	52	-8C		LL
2195	2007	56	-10C		LL
2252	2007	57	-15C		LL
2310	2007	61	-20C		LL
2372	2007	67	-25C		LL
2443	2442	1	0B		LL
2445	2442	29	-2C		LL
2475	2442	40	-4C		LL
2516	2442	29	-4C		LL
2546	2442	44	-6C		LL
2591	2442	66	-8C		LL
2658	2442	41	-8C		LL

beam_contour	beam_gxt_key	num_points	gain	contour_type	point_type
2700	2442	64	-10	C	LL
2765	2442	35	-10	C	LL
2801	2442	67	-15	C	LL
2869	2442	9	-15	C	LL
2879	2442	5	-15	C	LL
2885	2442	71	-20	C	LL
2957	2442	11	-20	C	LL
2969	2442	5	-20	C	LL
2975	2442	43	-20	C	LL
3019	2442	11	-20	C	LL
3031	2442	51	-20	C	LL
3083	2442	7	-20	C	LL
3091	2442	58	-25	C	LL
3150	2442	9	-25	C	LL
3160	2442	5	-25	C	LL
3166	2442	27	-25	C	LL
3194	2442	57	-25	C	LL
3252	2442	17	-25	C	LL
3270	2442	11	-25	C	LL
3282	2442	43	-25	C	LL
3326	2442	5	-25	C	LL
3332	2442	11	-25	C	LL
3344	2442	68	-20	C	LL
3413	2442	62	-25	C	LL
3476	2442	139	-25	C	LL
3616	2442	62	-6	C	LL
3682	3681	1	0	B	LL
3684	3681	31	-2	C	LL
3716	3681	56	-4	C	LL
3773	3681	45	-4	C	LL
3819	3681	71	-6	C	LL
3891	3681	53	-6	C	LL
3945	3681	74	-8	C	LL
4020	3681	23	-8	C	LL
4044	3681	23	-8	C	LL
4068	3681	75	-10	C	LL
4144	3681	19	-10	C	LL
4164	3681	81	-15	C	LL
4246	3681	9	-15	C	LL
4256	3681	9	-15	C	LL
4266	3681	152	-20	C	LL
4419	3681	54	-20	C	LL
4474	3681	47	-20	C	LL
4522	3681	19	-20	C	LL
4542	3681	21	-20	C	LL
4564	3681	28	-25	C	LL

beam_contour	beam_gxt_key	num_points	gain	contour_type	point_type
4593	3681	69	-25C		LL
4663	3681	21	-25C		LL
4685	3681	11	-25C		LL
4697	3681	32	-25C		LL
4730	3681	25	-25C		LL
4756	3681	20	-25C		LL
4777	3681	22	-25C		LL
4800	3681	7	-25C		LL
4808	3681	125	-25C		LL
4934	3681	9	-25C		LL
4944	3681	7	-25C		LL
4952	3681	25	-25C		LL
4978	3681	15	-25C		LL
4994	3681	65	-25C		LL
5060	3681	65	-25C		LL
5126	3681	122	-25C		LL
5249	3681	66	-10C		LL
5316	3681	62	-25C		LL

beam_diagram	beam_key	beam_id	tr_mode	cx_flag	orb_long
13	11	IBRX	R	C	-30.3
19	12	KATR	T	C	-30.3
2441	11	IBRX	R	X	-30.3
3680	12	KATR	T	X	-30.3

ngso_attachmer	gxt_attachment	ngso_beam_mag	gso_beam_data	max_pfd_at_05	max_pfd_at_10
	2006		Spainsat-Rx-30		
	2440		Spainsat-Tx-20	-102.5	-102.5
	3679		Spainsat-Rx-30		
	5379		Spainsat-Tx-20		

max_pfd_at_15	max_pfd_at_20	max_pfd_at_25	pfd_bandwidth
-102.5	-102.5	-102.5	1MHz

beam_gxt_key	beam_diagram	htc_id	adm	ntwk_org	sat_name
102	13		E		Spainsat
780	19		E		Spainsat
1625	13	105500093	E		SPAINSAT
2007	19	105500093	E		SPAINSAT
2442	2441	105500093	E		SPAINSAT
3681	3680	105500093	E		SPAINSAT

long_nom	n_diag	beam_id	emi_rcp	polar_disc	reason
-30.3	1	IBRX	R	C	C
-30.3	1	KATR	E	C	C
-30.3	1	IBRX	R	C	C
-30.3	1	KATR	E	C	C
-30.3	1	IBRX	R	C	C
-30.3	1	KATR	E	X	C

n_bore	n_cont
1	10
1	9
1	8
1	8
1	32
1	37

channel_key	satellite_key	channel_id	assigned_bandwidth	tr_mode	frequency
14	21		36000	R	30147
15	22		36000	T	20347

polarization	ttc_channel_sw
R	C
L	C

condition_code	subsystem_cod	condition_text	condition_note
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country_code	country_name
ABW	Aruba
AFG	Afghanistan
AGO	Angola
AIA	Anguilla
ALB	Albania
AND	Andorra
ANT	Netherlands An
AQA	Antarctica
ARE	United Arab Em
ARG	Argentina
ARM	Armenia
ASM	American Sam
ATG	Antigua and Ba
AUS	Australia
AUT	Austria
AZE	Azerbaijan
BDI	Burundi
BEL	Belgium
BEN	Benin
BFA	Burkina Faso
BGD	Bangladesh
BGR	Bulgaria
BHR	Bahrain
BHS	Bahamas
BIH	Bosnia and Her
BIO	British Indian O
BLR	Belarus
BLZ	Belize
BMU	Bermuda
BOL	Bolivia
BRA	Brazil
BRB	Barbados
BRN	Brunei
BTN	Bhutan
BVI	Bouvet Island
BWA	Botswana
CAF	Central African
CAN	Canada
CCK	Cocos (Keeling
CH	Chile
CHE	Switzerland
CHL	Chile
CHN	China
CIV	Cote d'Ivoire
CMR	Cameroon
COG	Congo

country_code	country_name
COK	Cook Islands
COL	Colombia
COM	Comoros
CPV	Cape Verde
CRI	Costa Rica
CUB	Cuba
CXR	Christmas Islan
CYM	Cayman Island
CYP	Cyprus
CZE	Czech Rep.
DEU	Germany
DJI	Djibouti
DMA	Dominica
DNK	Denmark
DOM	Dominican Rep
DZA	Algeria
ECU	Ecuador
EGY	Egypt
ERI	Eritrea
ESH	Western Sahar
ESP	Spain
EST	Estonia
ETH	Ethiopia
FIN	Finland
FJI	Fiji
FLK	Falkland Island
FRA	France
FRM	France, Metrop
FRO	Faroe Islands
FRS	French Souther
FSM	Micronesia
GAB	Gabon
GBR	United Kingdo
GEO	Georgia
GFA	French Guiana
GHA	Ghana
GIB	Gibraltar
GIN	Guinea
GLP	Guadeloupe
GMB	Gambia
GNB	Guinea-Bissau
GNQ	Equatorial Guin
GRC	Greece
GRD	Grenada
GRL	Greenland
GTM	Guatemala

country_code	country_name
GUF	Guiana
GUM	Guam
GUY	Guyana
HKG	Hongkong
HMI	Heard and McD
HND	Honduras
HRV	Croatia
HTI	Haiti
HUN	Hungary
IDN	Indonesia
IND	India
INT	INTELSAT
IOT	Chagos Islands
IRL	Ireland
IRN	Iran (Islamic Re
IRQ	Iraq
ISL	Iceland
ISR	Israel
ITA	Italy
JAM	Jamaica
JOR	Jordan
JPN	Japan
KAZ	Kazakhstan
KEN	Kenya
KGZ	Kyrgyzstan
KHM	Cambodia
KIR	Kiribati
KNA	Saint Kitts and
KOR	Korea (Rep. of)
KWT	Kuwait
LAO	Lao P.D.R.
LBN	Lebanon
LBR	Liberia
LBY	Libya
LCA	Saint Lucia
LIE	Liechtenstein
LKA	Sri Lanka
LSO	Lesotho
LTU	Lithuania
LUX	Luxembourg
LVA	Latvia
MAC	Macao
MAR	Morocco
MCO	Monaco
MDA	Moldova
MDG	Madagascar

country_code	country_name
MDV	Maldives
MEX	Mexico
MHL	Marshall Island
MKD	Macedonia, Th
MLI	Mali
MLT	Malta
MMR	Myanmar
MNG	Mongolia
MNP	Northern Maria
MOZ	Mozambique
MRT	Mauritania
MSR	Montserrat
MTQ	Martinique
MUS	Mauritius
MWI	Malawi
MYS	Malaysia
MYT	Mayotte
NAM	Namibia
NCL	New Caledonia
NER	Niger
NFK	Norfolk Island
NGA	Nigeria
NIC	Nicaragua
NIU	Niue
NLD	Netherlands
NOR	Norway
NPL	Nepal
NRU	Nauru
NZL	New Zealand
OMN	Oman
PAK	Pakistan
PAN	Panama
PCN	Pitcairn
PER	Peru
PHL	Philippines
PLW	Palau
PNG	Papua New Gui
POL	Poland
PRI	Puerto Rico
PRK	Dem. People's
PRT	Portugal
PRY	Paraguay
PYF	French Polynes
QAT	Qatar
REU	Reunion
ROM	Romania

country_code	country_name
RUS	Russia
RWA	Rwanda
SAU	Saudi Arabia
SDN	Sudan
SEN	Senegal
SGP	Singapore
SH2	Ascension Islan
SHN	Saint Helena
SJI	Svalbard and J
SLB	Solomon
SLE	Sierra Leone
SLV	El Salvador
SMR	San Marino
SOM	Somalia
SPM	Saint Pierre an
SRB	Serbia
SSS	S. Georgia/S. S
STJ	ST. Johns
STP	Sao Tome and
SUR	Suriname
SVK	Slovakia
SVN	Slovenia
SWE	Sweden
SWZ	Swaziland
SYC	Seychelles
SYR	Syria
TCA	Turks and Caic
TCD	Chad
TGO	Togo
THA	Thailand
TJK	Tajikistan
TKL	Tokelau
TKM	Turkmenistan
TMP	East Timor
TON	Tonga
TTO	Trinidad and To
TUN	Tunisia
TUR	Turkey
TUV	Tuvalu
TWN	Taiwan
TZA	Tanzania
UGA	Uganda
UK	United Kingdo
UKR	Ukraine
UMI	United States
URY	Uruguay

country_code	country_name
USA	USA
UZB	Uzbekistan
VAT	Vatican
VCT	Saint Vincent a
VEN	Venezuela
VGB	British Virgin Isl
VIR	United States V
VNM	Viet Nam
VUT	Vanuatu
WLF	Wallis and Futu
WSM	Western Samo
YEM	Yemen
YUG	Yugoslavia
ZAF	South Africa
ZAR	Zaire
ZMB	Zambia
ZWE	Zimbabwe

cx_flag	
C	
X	

digital_key	satellite_key	digital_id	emission	bandwidth	no_phases
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electrical_key	satellite_key	pwr_bol	eqx_papwr_bol_sol	papwr_eol	eqx_papwr_eol_sol	pa
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callsign	file_number	date_filed	satellite_alias	itu_network_nar
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freq_unit
K
M
G

geo_key	satellite_key	olone	olon	olonh	tol_east
8	2	-30.3	30.3	W	0.1

tol west	inclin_exc	srv_arc fr	srv_ew fr	srv_arc to	srv_ew to
0.1	0.1	31	W	30	W

reason_location	reason_srv_arc
The normal ope	

geo_alternate_k	geo_key		olone	olon	olonh
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lonhemi
E
W

nature_of_service	description
AMAS	Amateur Satellit
AMSS	Aeronautical M
ARNS	Aeronautical R
BSSD	Broadcasting S
BSSS	Broadcasting S
BSSV	Broadcasting S
DARS	Satellite Digital
DTH	Direct to Home
EESS	Earth Explorati
FBSS	Feeder Link for
FMSS	Feeder Link for
FSS	Fixed Satellite
ISS	Inter-Satellite S
LMSS	Land Mobile-Sa
METS	Meteorological
MMSS	Maritime Mobile
MRNS	Maritime Radio
MSS	Mobile-Satellite
MSXA	Mobile-Satellite,
OTHR	Other Satellite
RAS	Radio Astrono
RDSS	Radio Determin
RLSS	Radio Location
RNSS	Radio Navigatio
SFTS	Standard Frequ
SOS	Space Operatio
SRS	Space Researc

nongeo_key	satellite_key	number_satellite	number_planes	reference_body	orbit_epoch
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