

Author index

Ashworth S.		Hiscox J.A.		Simpson C.	
Europe's Martian dream	136	Lifting down from orbit	304	25th anniversary of the first	
Space tourism	212			Space Shuttle launch	220
Britain K.		Kidger N.		Astronauts complete tough mission	415
SETI in reverse	472	Chronology of the Space Station	18, 54, 97, 132, 176, 216, 256, 300, 336, 375, 422, 462	Back to back for discovery	340
Burgess C.		Kislyakov A.		Discovery launch slides	173
Monkey in a blue suit	265	108 minutes that changed the world	229	Columbus - Farewell old world	252
Casado J.		Kliper falls by wayside in sudden		Europe's new weather satellite	452
Agriculture in Space	180	change of plans	368	NASA's women of influence	296
Clark P.		Lan C.		Smith M.	
Satellite Digest	10, 48, 90, 130, 172, 210, 250, 290, 410,450	Hard road to commercial space	427	Putting the ET into education	396
Corneille P.		Lawrie A.		Spall N.	
And finally - our first mission		When Skylab was still a rocket	62	British astronauts - a new strategy	388
to the last planet	93	Parkinson B.		ESA maintains interest in	
Calling interplanetary spacecraft	466	Raising the stakes	298	Russian clipper spacecraft	84
Half a century of planetary protection	372	Powell J.		Euroart in space	151
Mapping the moons of Mars	190	A cold day at the Kennedy Space Centre	58	Spasski B.	
Two years of MER operations on Mars	140	Gemini-Titan at the Cape	380	Down to Earth with a bump	30
Voyager 2's Uranus encounter	110	Pluto mission commemorates		Spiteri G. A.	
Da Costa N.		Tombaugh	125	Around the world in 84 days	434
A private trip into space	50	Project SCORE	100	Van Beest R.	
Tribute to a cosmonaut	232	Quine T.		Back to back for discovery	340
Day D.A.		Ansari's last minute trip to ISS	412	Van de Haar G.	
Apocrypha now	346	First woman in space - pt 1	24	And finally - our first mission	
Atomic fire and electric glow - pt 1	105	First woman in space - pt 2	66	to the last planet	93
Lost and forgotten	224	Savant S.		Back to back for discovery	340
Monkey in a blue suit	265	India's remote sensing programme	308	First new generation US weather	
SpaceShipOne flies again - this		Schogger D.		satellite finally launched	294
time from wires	91	Developing the European		Pluto debate rumbles on	409
The heat of a burning atom - pt 2	145	space tourism industry	214	Pluto falls from favour as	
Thunder in a bottle	382	Seedhouse E.		solar system tall revised	366
Gangale T.		Space weather is a major challenge	455	Steady prospects for world	
Ad Astra	22	Seelan S.		satellite business	7
Hawkey A.		India's remote sensing programme	308	Walker C.	
Simulating the effects of weightless	260	Shanko B.		Project SCORE	100
Hengeveld E.		The MOST for the least	14	Wilhite T.	
25th anniversary of the first		Shankov B.		SETI in reverse	472
Space Shuttle launch	220	Simpson C.		Zaitsev Y.	
Heyman J.		25th anniversary of the first		Russia and Kazakhstan to develop	
Effort to put space back on		Space Shuttle launch		new space system	293
Australian political agenda	205	Heyman J.		Russia to launch space observatory	334
		Effort to put space back on		Zheleznyakov A.	
		Australian political agenda	205	Down to Earth with a bump	30

Subject index

A		Arctic (sea ice)	409	Eyharts, Leopold	175
Ad Astra	22	Ares (launcher)	367, 470	Foale, Michael	8, 298
Agriculture	180	Argentina	22	Kuipers, Andre	261, 390
Alcatel Alenia	87, 171, 205	Ariane 5 ECA	11, 165, 289, 446	Lopez-Algria, Michael	412, 462
Algeria	324	Arianespace	332, 406	McArthur, Williams	18, 54, 97, 133, 177, 216
Alphabus	165	Arnold, HJP	436	Nespoli, Paolo	284
Apollo 11	371	Art	151	Nowark, Lisa	339
Arabsat	167, 206, 289, 332	Astronauts		Phillips, John	20
		Anderson, Clayton	451		

- Reiter, Thomas 175, 375, 392, 422
 Schlegel, Hans 329
 Sellers, Piers 299
 Sharman, Helen 389
 Tani, Dan 451
 Williams, Geoffrey 256, 300, 336, 376, 422
 Wilson, Stephanie 339
 Atlas 96, 100, 448
 ATV 5
 Auburn, John 407
 Aurora 44
 Australia 205, 209
- B**
- Bluestreak 470
 BNSC 12, 125
 Boeing 91
 Brazil 131, 409
- C**
- Canada 171
 Cape Town 406
 Cassini 169, 246, 328
 Cassini/Huygens 451
 China 92, 127, 172, 251, 405, 447, 448
 astronauts 9, 447
 budgets 447
 commercial launches 472
 Galileo 445
 launches 405
 Long March 127, 472
 Shen Zhou
 CNES 165, 206
 Columbus (laboratory) 172, 252
 Cosmonauts
 Flores, Paplo 22
 Gagarin, Yuri 229
 Kotov, Oleg 451
 Malyshev, Yuri 232
 Tereshkova, Valentina 24, 66
 Tokarev, Valery 18, 55, 99, 132, 177, 216
 Tyurin, Mikhail 412, 462
 Vinogradov, Pavel 256, 300, 336, 375, 422, 462
 Yurchukhin, Fyodor 451
 Cryosat 171
- D**
- Dale, Shana 296
 Dawn 5, 206
 DART 244
 Deep Space Network 466
 Delta IV Heavy 386
 Dordain, Jean-Jacques 164, 325
 Dougherty, Michelle 451
- E**
- EADS Astrium 9, 126, 244, 249, 286, 451
 Education 396
- ESA
 artist 153
 Astrolab 378
 Aurora 44
 budget 44
 ERS-2 206
 Living Planet 452
 Mars rover 127, 244
 ministers 44
 Energia 289, 450
 Envisat 46
 Eumetsat 45, 86, 1609, 452
 Euroconsult 7
 European Commission 445
 Eutelsat 249, 405, 451
- F**
- French Guiana 49, 129
 FUSE 205
- G**
- Galileo 7, 89, 287, 445
 Gemini-Titan 380
 GOES-N 294
 Glasgow University 246
 Glonass 92
 Griffen, Michael 128, 164, 325
- H**
- Harlow, John 437
 Hot Bird 451
 Hubble Space Telescope 6, 12, 108, 331, 460
- I**
- IAC/IAF 36, 437
 ILS 450
 India 91, 131, 172, 205, 248, 331, 407, 450
 Galileo 445
 remote sensing 308
 Inmarsat 9, 409
 ISS (Space Station) 18, 54, 88, 97, 177, 180, 462
 crews 47, 451
 Elektron 54, 462
 Expedition 11 18
 Expedition 12 18, 54, 97
 Expedition 13 462
 Expedition 14 462
 rules 92
 science 12
 iPSAR 10
 Iran 169
 Israel 12, 251
- J**
- Japan 34, 131, 171, 288
 ALOS 124
 astronauts 91
 Doi, Takao 247
 H-II launcher 335
 Hayabusa 45, 171
- HTV 335
 JAXA 44, 404, 446
 reconnaissance 88, 249, 406
 Solar-B 404
 Jason 2 206
 Jupiter 248, 447
- K**
- Kazakhstan 49, 171, 293, 331, 406, 450
 Kilper (Clipper) 12, 84, 368
 Korea 171, 247, 365, 449
- L**
- Le Gall, Jean-Yves 87, 406
 Lockheed Martin 88, 291, 407, 450
- M**
- Madonna 405
 Mars
 Deimos 190
 Europe 136
 ExoMars 44, 286
 manned missions 455
 MER 140
 MRO 167, 405
 Phobos 190, 448
 science laboratory 370
 simulation 285
 Metop 169, 288, 332, 367, 452
 Microgravity (simulator) 260, 449
 Monkeys (USAF) 265
 Moon, the
 exploration 405
 manned missions 451
 return 451
 Smart-1 332
 Moore, Sir Patrick 420
 MOST 14
 MSG 86
 MSSL 4
- N**
- NASA 466
 budget 128, 247, 287
 commercial 369
 New Horizons 95, 145
 NOAA 46, 169, 294, 452
 Nuclear propulsion 105, 144
- O**
- Orbital Sciences Corp 11, 208
 Orion (spacecraft) 367, 407
 Ozone hole 47
- P**
- Perminov, Anatoly 164, 334, 405
 Pillinger, Colin 76
 Pioneer 10 167
 Planetary protection 372
 Pluto 8, 93, 125, 366, 409

PPARC	404	Spaceflight magazine	420	Titan (launcher)	11
Prometheus	105	SpaceShipOne	45, 91	Titan (Saturn)	46, 328
Proton	450	Space Shuttle		Turnill, Reginald	211
Q		Challenger	58	U	
QinetiQ	208, 287, 445	STS-114	47	Ukspace (UKISC)	406
R		STS-121	88, 173, 284, 340	UK astronauts	8, 157, 298, 353, 388
Radarsat	84	STS-115	330, 364, 415	UK government	8
Remote sensing	448	STS-116	444	UK space industry	165, 324
Rocketplane	127, 288, 369	crew	287	Uranus	108, 110, 236
Russia		engines	382	V	
federal space prog.	12, 334, 448	runway	207	Vandenberg	224
Russian Space Agency	405, 406, 448	safety	445, 470	Vega (launcher)	292
Mars mission	448	25 th anniversary	220	Vega Group	12, 46, 87, 214, 288, 327, 448
space observatory	334	Space radiation	455	Venus Express	4, 204, 246
S		Space stories	346	Virgin Galactic	9, 45, 207, 244, 447
Sainsbury, Lord	165, 324	Space Telescopes		Voyager	110, 371
SciSys	127	Gaia	251	W	
SCORE	100	James Webb	47	Williams, David	125
Sea Launch	9, 44, 171, 245, 365	Spritzer	168	WISE	260
Singapore	166	Space tourism	131, 212, 214	X	
Skylab	62, 434	Ansari, Anoushe	245, 364, 412, 462	X-15, 20	304
Slick 5-6	224, 331	BIS conference	73, 212	Y	
Smart-1	169, 332	Enomoto Daisuke	5, 285	Yurevich, Dr Eugene	31
SNAP	146	Olsen, Greg	21, 51	Z	
Solar system	366	New Mexico	45, 326, 327	Zarnecki, John	46, 409
Soyuz	84, 325, 463	SpaceX	369		
landing system	30	Spain	466		
TMA-6	21, 52	SSTL	207, 285, 327, 448		
TMA-7	18, 52	Starcahser	327, 409, 449		
Space Adventures	51, 326	Stardust	85		
Space debris	445	Starsem	4, 84		
SpaceDev	49, 447	STEREO	12		
		T			
		Tachikawa, Keiji	164		
		TDRS	367		
		Tiros	453		

Book index

Audenaert B. et al	Belgians in Space	116
Bendisch J.	Space Debris and Space Traffic Management Symposium 2004	277
Burleson D.	Space Programs Outside the United States	35
Chambers M.J. & Chambers R.	Getting off the planet	277
Dasch P.	Icy Worlds of the Solar System	35
Frazier W. & Culp R.D.	Guidance and control 2005	277
Godwin R. & Whitfield S.	Deep Space	35
Gorn M.	NASA – The Complete Illustrated History	116
Hanlon M.	The Real Mars	116
Harland D.M.	The Story of the Space Station Mir	115
Harland D.M. & Ralph D.	Space Systems Failures	115
Kay W. D.	Defining NASA	115
Kidger M. & Hopkins J.	Astronomical Enigmas	35
Lawrie A. & Godwin R.	Saturn	115
Muirhead B. et al	Going to Mars	35
Patrick J.G. et al	The Rocket Company	115
Riedel W.H.J.	Rocket Development with Liquid Propellants	115
Ridpath I.	Astronomy	277
Schilling G.	Evolving Cosmos	116
Spencer J. & Rugg K.L.	Space Tourism	115
Tildsley K. & Eales P.	Night Sky	277
Vallado D.A.	Spaceflight Mechanics 2005	277
Ward B.	From Nazi to NASA The life of Wernher von Braun	277
Winston E.S.	Reflections from Earth Orbit	35