

# THE UNIVERSITY *of* York

## **Some Useful Links relating to Satcoms**

*These are advisory only – no responsibility is taken for these websites and their content.*

*Many are from a UK perspective, but should be of wider interest.*

*Please advise any broken links or interesting new links to Tim Tozer, [tim.tozer@york.ac.uk](mailto:tim.tozer@york.ac.uk)*

## **General**

Satellite-related articles and news, tutorials, software tools, useful links (UK)	<a href="http://www.satcoms.org.uk">www.satcoms.org.uk</a>
Satellite online (various useful resources)	<a href="http://www.satcom.co.uk">www.satcom.co.uk</a>
Satellite Signals (several resources + information)	<a href="http://www.satsig.net">www.satsig.net</a>
Directory of satellite industry links	<a href="http://www.satellite-links.co.uk">www.satellite-links.co.uk</a>
Global VSAT Forum	<a href="http://www.gvf.org">www.gvf.org</a>
COMSYS (for commercial VSAT analysis)	<a href="http://www.comsys.co.uk">www.comsys.co.uk</a>
The IET (UK Institution)	<a href="http://www.theiet.org">www.theiet.org</a>
IET Satellite Systems & Applications Networks	<a href="http://communities.theiet.org/communities/home/68">communities.theiet.org/communities/home/68</a>
UK Satellite Applications Catapult Centre	<a href="http://sa.catapult.org.uk">sa.catapult.org.uk</a>
How satellites work	<a href="http://science.howstuffworks.com/satellite.htm">science.howstuffworks.com/satellite.htm</a>
A satellite encyclopedia	<a href="http://www.tbs-satellite.com/tse/online">www.tbs-satellite.com/tse/online</a>
Society of Satellite Professionals International	<a href="http://www.sspi.org">www.sspi.org</a>

## **Courses, Training and Tutorials**

IET Satellite Course (leading international training course in UK)	<a href="http://www.theiet.org/satcoms-course">www.theiet.org/satcoms-course</a>
York satellite courses summary page	<a href="http://www.yorkvsats.com">www.yorkvsats.com</a>
University of Surrey Satcoms	<a href="http://www.surrey.ac.uk/ee/study/pd/courses/satellite_communications.htm">www.surrey.ac.uk/ee/study/pd/courses/satellite_communications.htm</a>
Getting starting with Communications Engineering (informal from Dave Pearce)	<a href="http://www-users.york.ac.uk/~dajp1/Introductions/index.html">www-users.york.ac.uk/~dajp1/Introductions/index.html</a>
GVF Training	<a href="http://www.gvf.org/training/training.html">www.gvf.org/training/training.html</a>
SatProf e-learning about satcoms	<a href="http://www.satprof.com">www.satprof.com</a>
Brightday Engineering (VSAT & satcom training)	<a href="http://www.brightdayengineering.com">www.brightdayengineering.com</a>
BeaconSeek (SNG training)	<a href="http://beaconseek.com">http://beaconseek.com</a>
Zetrox (training for the TV industry)	<a href="http://www.zetrox.com">http://www.zetrox.com</a>
Microwave Propagation from Mike Willis (informal)	<a href="http://www.mike-willis.com">www.mike-willis.com</a>
Lever Technologies (mostly Wi-Fi-related)	<a href="http://www.lever.co.uk">www.lever.co.uk</a>

## **Planning software etc** (by no means exhaustive)

Satmaster ('Satmaster Pro' link budget software etc)	<a href="http://www.arrowe.com">www.arrowe.com</a>
AGI (various planning tools)	<a href="http://www.agi.com">www.agi.com</a>
Satellite Signals (several resources + information)	<a href="http://www.satsig.net">www.satsig.net</a>
CNES Dynamic Link Library	<a href="http://logiciels.cnes.fr">http://logiciels.cnes.fr</a>
ATDI and ICS Telecom (spectrum management software etc.)	<a href="http://www.atdi.com">www.atdi.com</a>
Satscape (free satellite tracking programmes etc)	<a href="http://satscape.info/satscape">http://satscape.info/satscape</a>
Tracking programs and TLE resources (amateur satellites)	<a href="http://www.satobs.org">www.satobs.org</a>
Celestrak (space and orbital data)	<a href="http://www.celestrak.com">www.celestrak.com</a>

## **Satellite and Space News, Journals + Magazines**

General satellite news	<a href="http://www.satnews.com">www.satnews.com</a>
General information and news about space	<a href="http://www.space.com">www.space.com</a>
General information and news about space	<a href="http://www.spacetoday.org/STO.html">www.spacetoday.org/STO.html</a>
Satellite TODAY	<a href="http://www.satellitetoday.com">www.satellitetoday.com</a>
Satmagazine	<a href="http://www.satmagazine.com">www.satmagazine.com</a>
Space News	<a href="http://www.space.com/spacenews">www.space.com/spacenews</a>
Milsatmagazine	<a href="http://www.milsatmagazine.com">www.milsatmagazine.com</a>

### **Agencies and Institutes**

UK Space Agency	<a href="http://www.gov.uk/government/organisations/uk-space-agency">www.gov.uk/government/organisations/uk-space-agency</a>
UK Satellite Applications Catapult Centre	<a href="https://sa.catapult.org.uk">https://sa.catapult.org.uk</a>
European Space Agency	<a href="http://www.esa.int">www.esa.int</a>
National Aeronautics and Space Administration (NASA)	<a href="http://www.nasa.gov">www.nasa.gov</a>
Russian Federal Space Agency (Roskosmos)	<a href="http://www.federspace.ru">www.federspace.ru</a>
American Institute of Aeronautics and Astronautics	<a href="http://www.aiaa.org">www.aiaa.org</a>
ITU	<a href="http://www.itu.int">www.itu.int</a>
Asia-Pacific Satellite Communications Council	<a href="http://www.apsec.or.kr">www.apsec.or.kr</a>
Centre National d'Etudes Spatiales (CNES)	<a href="http://www.cnes.fr">www.cnes.fr</a>
Space Research Institute of the Russian Academy of Sciences	<a href="http://www.iki.rssi.ru">www.iki.rssi.ru</a>

### **Satellites and Service Providers**

Avanti/HYLAS	<a href="http://www.avantiplc.com">www.avantiplc.com</a>
Eutelsat (satellite operator/service provider)	<a href="http://www.eutelsat.com">www.eutelsat.com</a>
Hughes Network Systems (satellite operator/service provider)	<a href="http://www.hughes.com">www.hughes.com</a>
Intelsat (satellite operator/service provider)	<a href="http://www.intelsat.com">www.intelsat.com</a>
Inmarsat (satellite operator/service provider)	<a href="http://www.inmarsat.com">www.inmarsat.com</a>
Iridium Satellite LLC (satellite operator/service provider)	<a href="http://www.iridium.com">www.iridium.com</a>
Loral Space & Communications (satellite operator/service provider)	<a href="http://www.loral.com">www.loral.com</a>
Lyngsat (helpful details on lots of satellites)	<a href="http://www.lyngsat.com">www.lyngsat.com</a>
OneWeb (new LEO system)	<a href="http://oneweb.world">http://oneweb.world</a>
SES Astra (satellite operator/service provider)	<a href="http://www.ses-astra.com">www.ses-astra.com</a>
Thuraya (satellite operator/service provider)	<a href="http://www.thuraya.com">www.thuraya.com</a>

### **Other Industry Links**

Delta Communication (consultancy, software and hardware)	<a href="http://www.deltacomm.co.uk">www.deltacomm.co.uk</a>
Airbus Defence & Space (formerly EADS/Astrium)	<a href="http://www.space-airbusds.com">http://www.space-airbusds.com</a>
Lockheed Martin (satellite manufacture/launch)	<a href="http://www.lockheedmartin.com">www.lockheedmartin.com</a>
Microcom Systems	<a href="http://www.microcomsystems.co.uk">www.microcomsystems.co.uk</a>
Goonhilly Earth Station	<a href="http://www.goonhilly.org">www.goonhilly.org</a>
Orbit Research Ltd. (satellite planning / consultants)	<a href="http://www.orbitresearch.co.uk">www.orbitresearch.co.uk</a>
RPC Telecom (spectrum planning consultants)	<a href="http://www.rpctelecom.com">www.rpctelecom.com</a>
Satcom Resources (US VSAT company)	<a href="http://www.satcomresources.com">www.satcomresources.com</a>
Surrey Satellite Technology Ltd (SSTL) (Small satellite producer)	<a href="http://www.sstl.co.uk">www.sstl.co.uk</a>
Thales Space	<a href="http://www.thalesgroup.com/en/worldwide/space">www.thalesgroup.com/en/worldwide/space</a>
York EMC Services	<a href="http://www.yorkemc.co.uk">www.yorkemc.co.uk</a>

### **Research Centres**

University of York Comms	<a href="http://www.york.ac.uk/electronics/research/communication-technologies">www.york.ac.uk/electronics/research/communication-technologies</a>
Surrey Space Centre	<a href="http://www.ee.surrey.ac.uk/SSC">www.ee.surrey.ac.uk/SSC</a>

### **Professional Groups and Forums**

IET Satellite Systems & Applications TPN	<a href="http://communities.theiet.org/communities/home/68">communities.theiet.org/communities/home/68</a>
Global VSAT Forum	<a href="http://www.gvf.org">www.gvf.org</a>
Satellite Industry Association	<a href="http://www.sia.org">www.sia.org</a>
DVB Project	<a href="http://www.dvb.org">www.dvb.org</a>

### **Satellite Conferences**

Annual Conference on Small Satellites	<a href="http://www.smallsat.org">www.smallsat.org</a>
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### **Other**

Jodrell Bank observatory	<a href="http://www.jb.man.ac.uk">www.jb.man.ac.uk</a>
Smithsonian Institute, National Air and Space Museum	<a href="http://www.nasm.si.edu">www.nasm.si.edu</a>