

4th Annual CubeSat Workshop Logan, UT, 11-12 August 2007





The Orbital Classroom Project USBAR Promoting Amateur Satellites since 1959

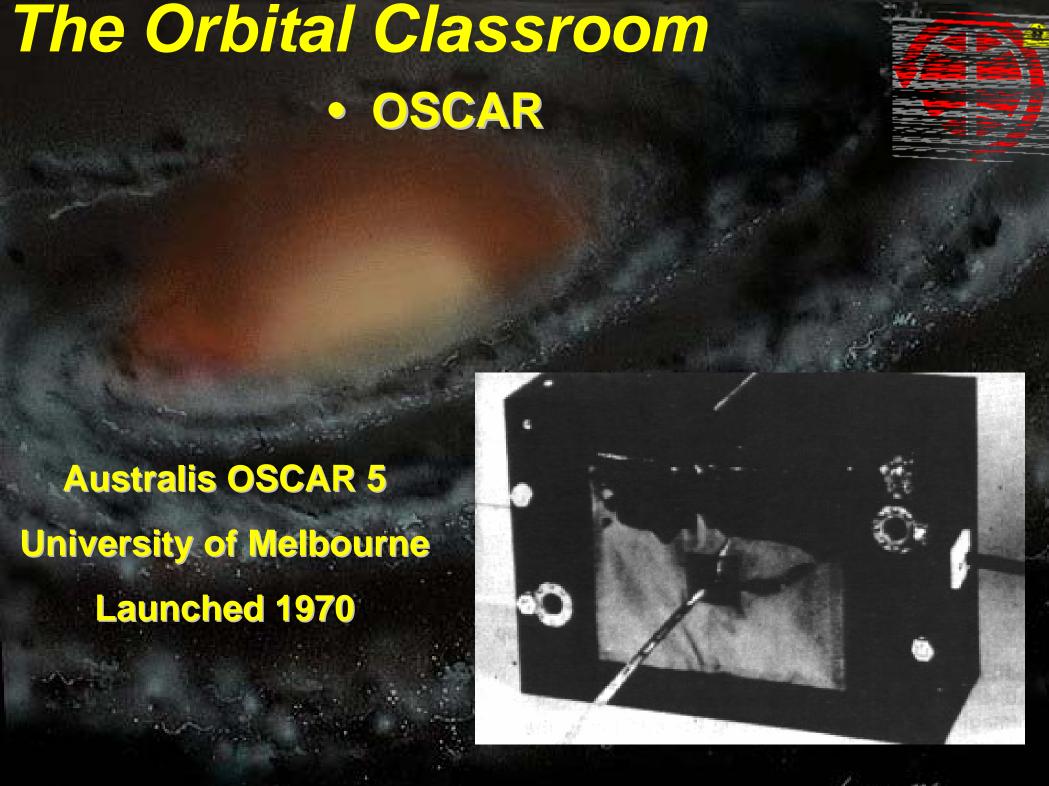






AMSAT is a non-profit volunteer organization which designs, builds and operates experimental satellites and promotes space education. We work in partnership with government, industry, educational institutions and fellow amateur radio societies. We encourage technical and scientific innovation, and promote the training and development of skilled satellite and ground system designers and operators.

The Orbital Classroom AMSAT's Educational Initiatives OSCAR • SAREX ARISS CubeSats Publications Conferences Curricula Background © Jon Lomberg Content © H. Paul Shuch and AMSAT

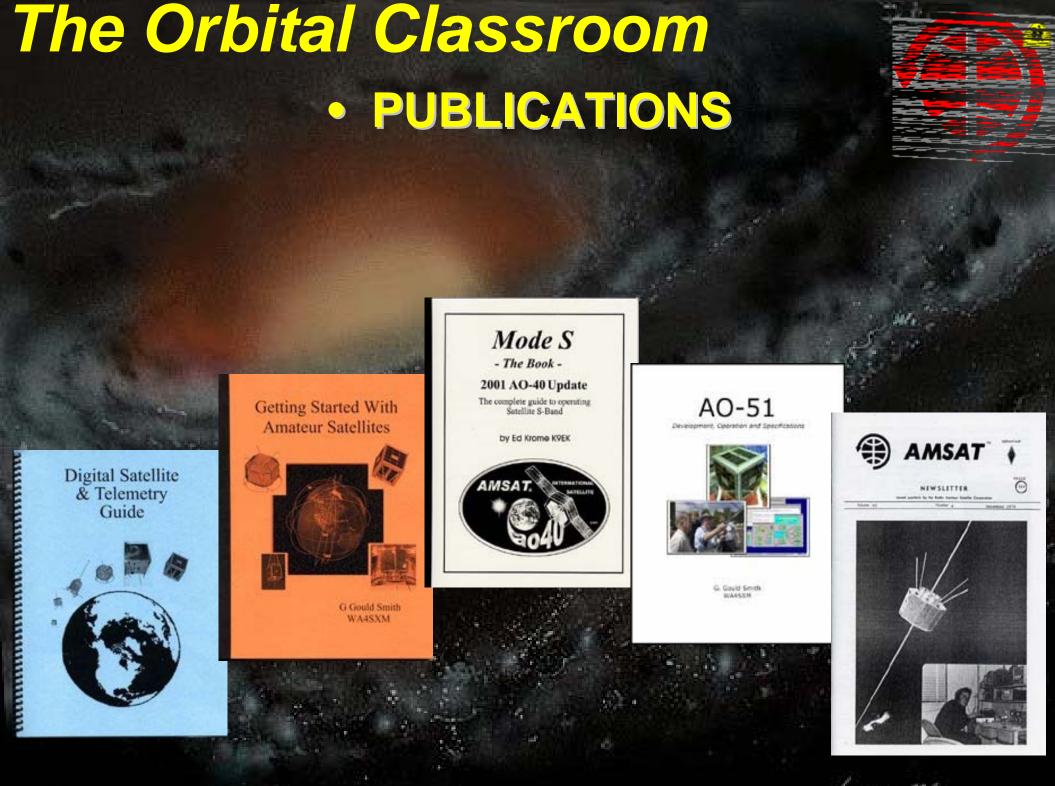












• CONFERENCES



Space Day at NASM

The Orbital Classroom • CURRICULA



AMSAT' EDUCATOR'S SURVEY

All AMSAT members currently or formerly involved in training and education are encouraged to complete this survey form, to assist the Director of Education in assessing resources and capabilities available to accomplish AMSAT's educational mission. Qualified individuals returning this survey will be designated official AMSAT Educators, and invited to participate in various upcoming educational initiatives.

ADDRESS:		MEMBER #:
CITY:		STATE/PROV.:ZIP:
		PLEASE CHECK ALL THAT APPLY:
EDUCATIONAL POSITION:		Classroom teacher College Professor College Professor Cohool Administrator Curriculum Developer Cohool Librarian Adustrial Trainer Instructional Support Carent / Mentor Other
GRADE LEVEL:	0 J 0 J 0 U	Primary / Elementary unior High / Middle School ligh School / VocTech unior College / Community College Indergraduate University Braduate University
TYPE OF INSTITUTION:	- P	Public Private Charter Magnet Parochial Home School Sovernment / Military Business / Industry

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SUBJECTS Math TAUGHT: Social Studies Physical Science Social Science Language Arts Fine Arts Other PLEASE ANSWER THE FOLLOWING QUESTIONS BASED UPON YOUR PRESENT OR PAST EXPERIENCES. YOU MAY ATTACH SUPPLEMENTAL INFORMATION AS REQUIRED. Have you any experience with using satellites or space technology in the classroom? Please elaborate. Have you developed curriculum or lesson modules incorporating satellites or space technology? Do you anticipate incorporating satellites or space technology into your teaching in the future? Specify. ARE YOU Developing such materials and resources INTERESTED IN: Sharing such materials and resources Receiving such materials and resources COMMENTS: PLEASE RETURN COMPLETED SURVEY TO: Dr. H. Paul Shuch, N6TX, AMSAT Director of Education

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121 Florence Drive Cogan Station PA 17728 USA

Ham Radio on Cubesats

- Science Mission
- Educational Mission
- Telemetry
- Tracking
- Telecommand
- Communications
- Frequency Spectrum

The Orbital Classroom Ham Radio Licensing No Morse Code Simple Written Test Ten Year Licensing Licensing Courses Frequent Exams

Ham Radio Constraints

- No Commercial Traffic
- Not a Broadcast Service
- No Music/Entertainment
- Positive Control
- Orbital Debris Mitigation

