



ARISSat-1

Operational Survey Results

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AMSAT Space Symposium

San Jose, California

November 5, 2011



Survey Says!

- Goals:
 - Validate and learn which modes of operation were most popular
 - Learn how the satellite was being used
 - Learn what equipment was used
 - Location of operators

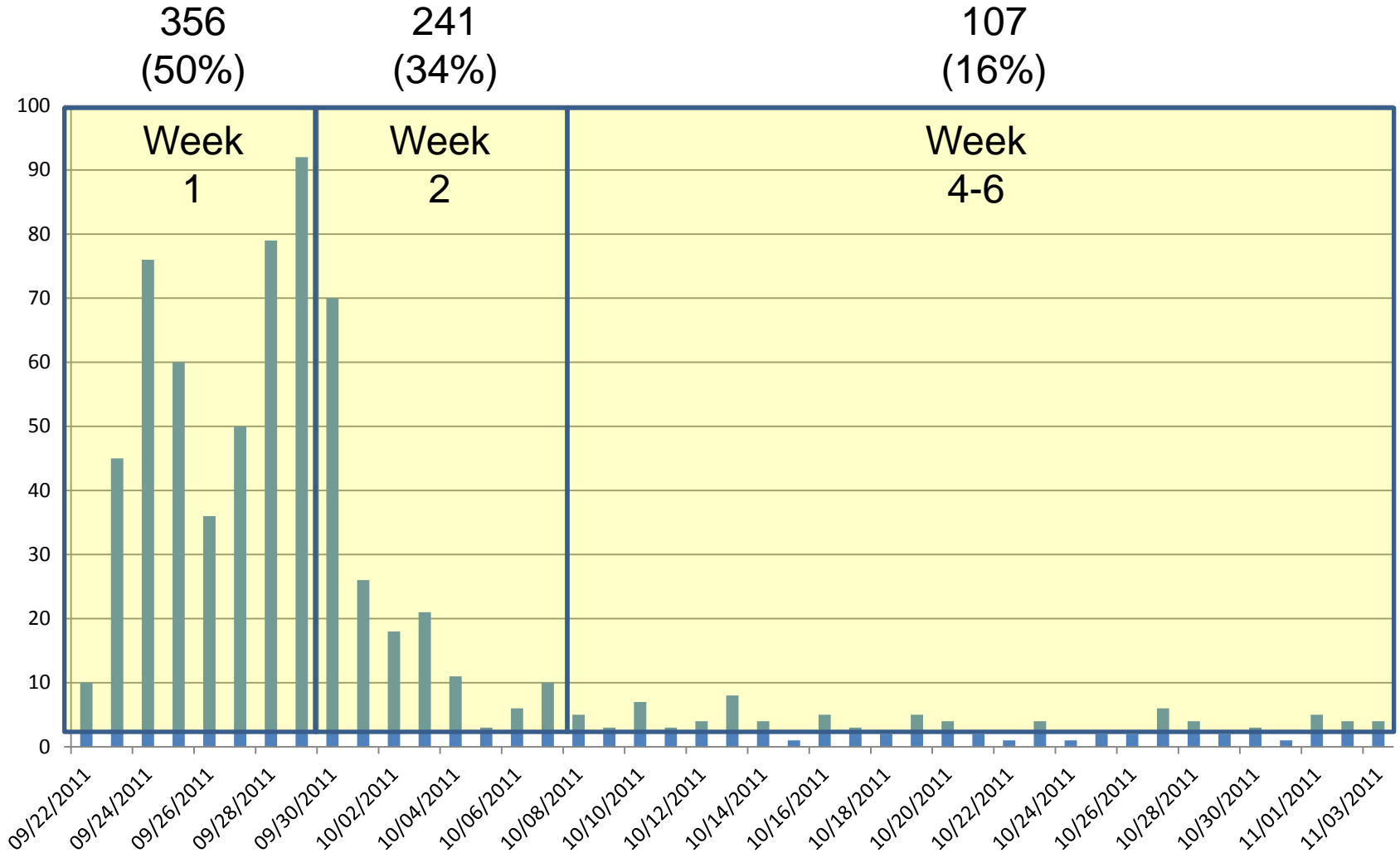


Survey Says!

- Survey Monkey
(<http://www.surveymonkey.com>)
- Survey Started: September 22, 2011 (6 weeks)
- Today (November 5, 2011) Over 710 entries
- 19 questions



Survey Says!

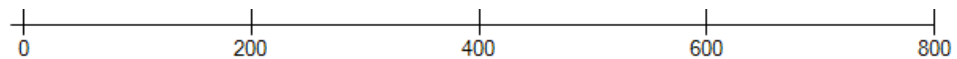




1. How did you listen to ARISSat-1?

Directly using my radios
and antennas

Indirectly from the
Internet

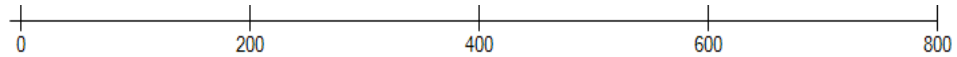




2. Was ARISSat-1 easy for you to operate/listen to?

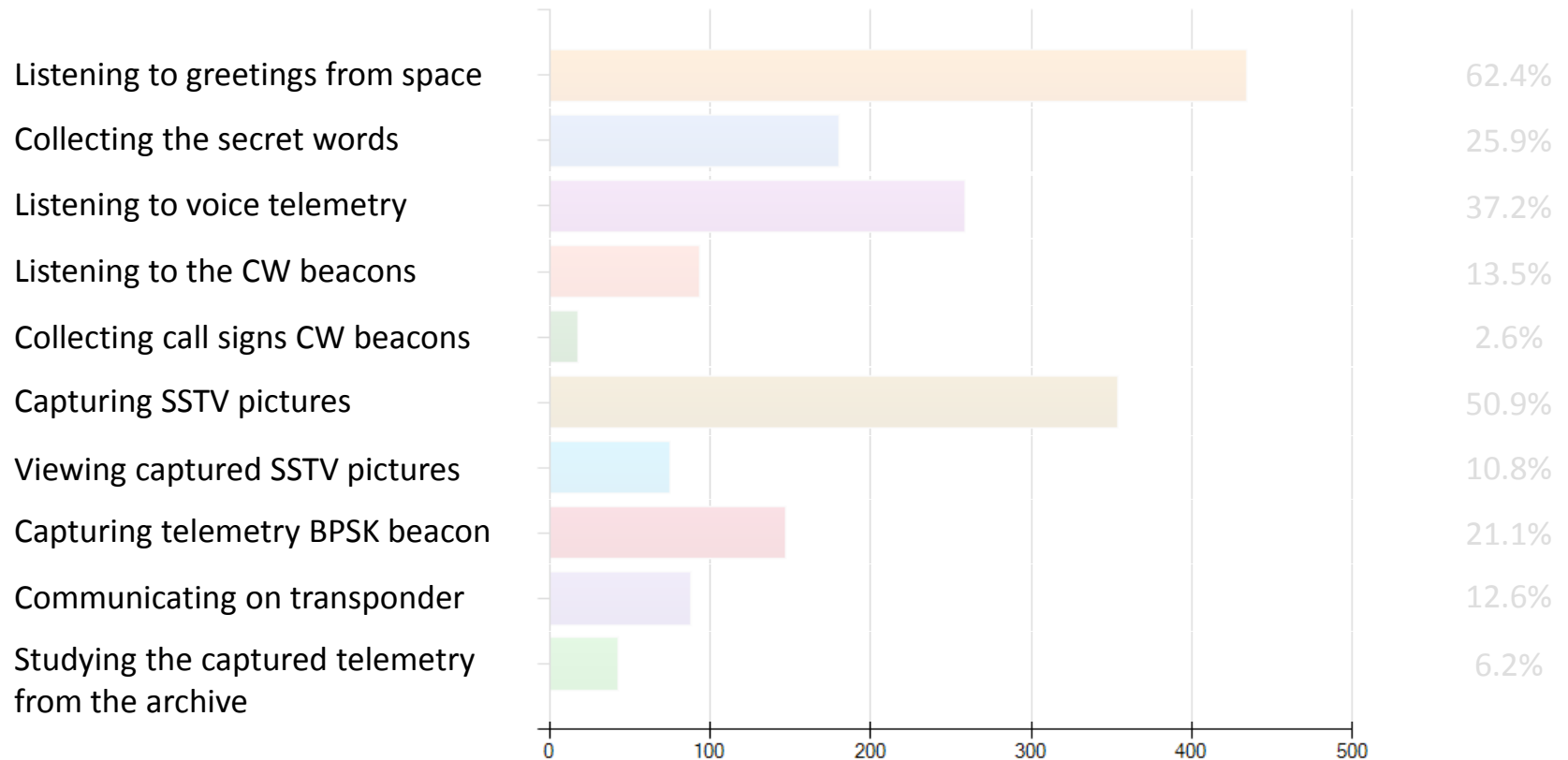
Yes

No





3. What did you enjoy the most?





4. What operating mode did you enjoy the most?

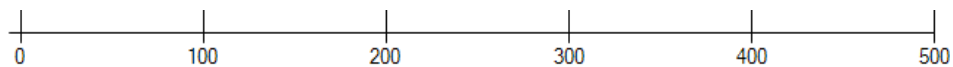
Voice

Telemetry

SSTV

CW

Transponder





5. Did you submit listening reports?

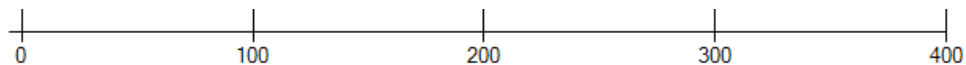
Yes, to AMSAT BB

Yes, to YouTube

Yes, to Vimeo

No, I did not submit

Yes, Other (please specify)





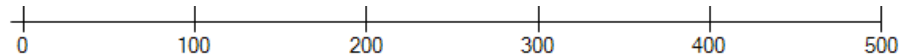
6. Did you use the ARISSat-1 Telemetry Program (<http://www.arissattlm.org/>)?

Yes, Windows Version

Yes, Mac Version

No, I did not use the program

Other

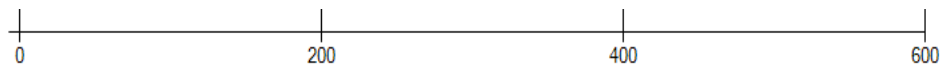




7. Did you forward captured BPSK telemetry to the ARISSat-1 TLM Server?

Yes

No





8. Will you use the archived telemetry
(<http://www.amsat.org/amsat/ftp/telemetry/arissat/>)?

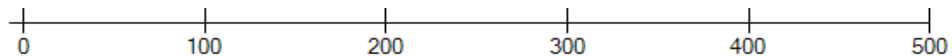
Yes, I am an educator

Yes, I am a student

Yes, for personal interest

Yes, I plan to write a paper

No, I don't plan to do
anything with it

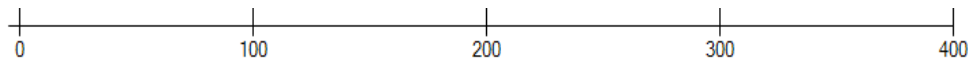




9. Did you view the submitted videos about ARISSat-1 on YouTube/Vimeo?

Yes

No



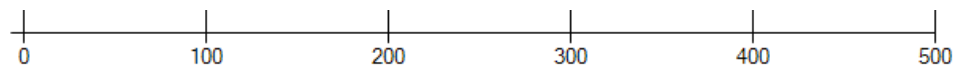


10. Did you view the SSTV Gallery
(<http://www.amsat.org/amsat/ariss/SSTV/>)?

Yes

No

I didn't know about it





11. How many children did you share ARISSat-1 with?

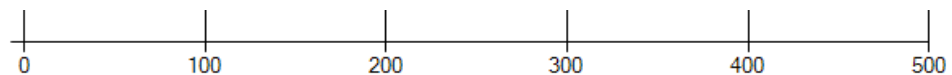
Not yet

Yes, to my kids

Yes, to youth group

Yes, to a class (Pri, Sec)

Yes, to a class (University)





12. What did the children find most fascinating?

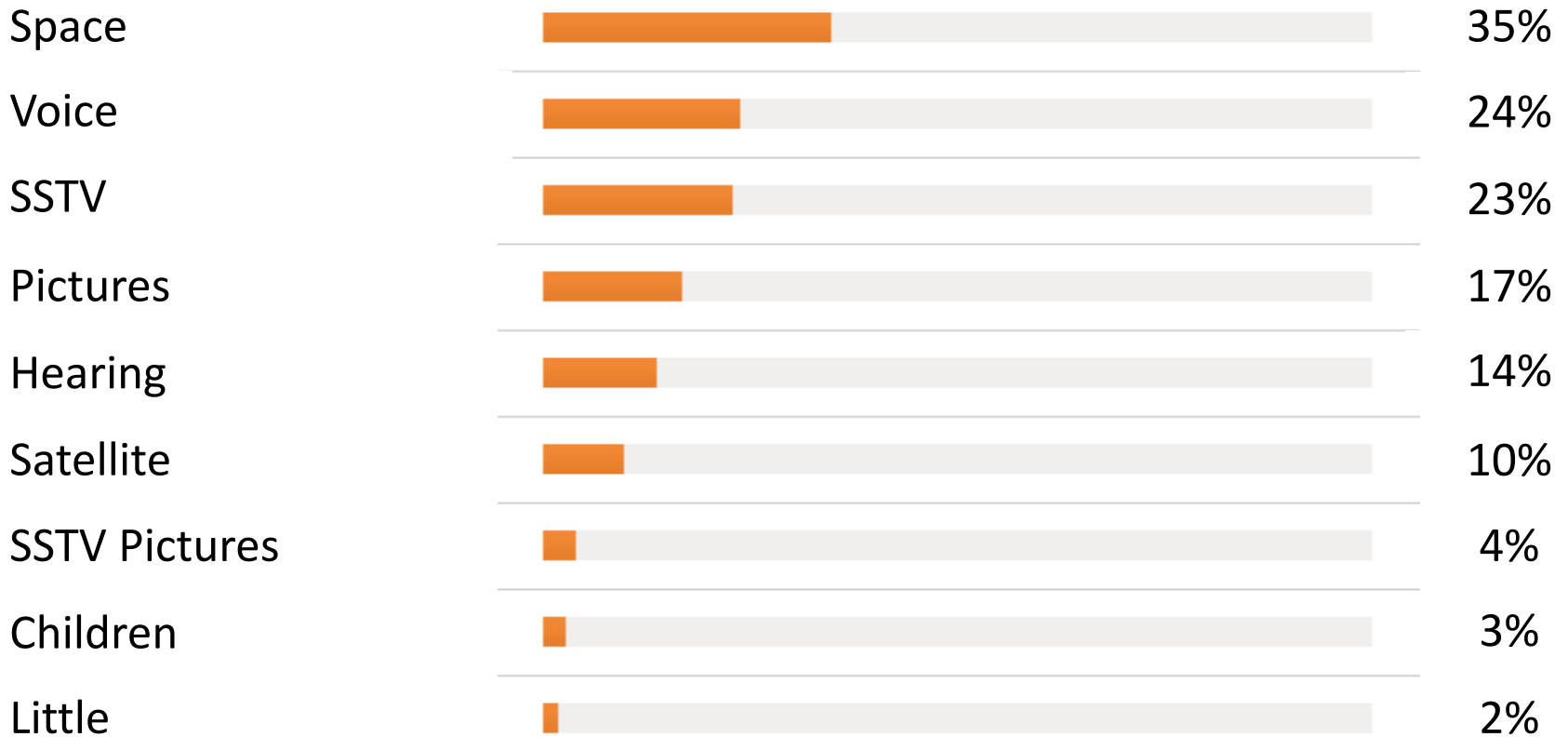
1

Audio Children Decoded Doppler Earth Equipment
Hearing Impressed Interesting Internet ISS Languages
Line of Sight Little Pictures Project Satellite Science
Secret Word Size Space SSTV SSTV Pictures
Strong Telemetry Unfortunately Voice



12. What did the children find most fascinating?

2





13. Where did you get your information about ARISSat-1 from? 1

ARISSat-1 Official website

AMSAT.org website

AMSAT News Service

ARRL website

ARRL Letter

Local Club Newsletter

ISS Fan Club

NASA website

RadioSkaf website

RSOISS website

Ham Nation (twit.tv)

EETimes Blog

Friend

Other (Please specify)





13. Where did you get your information about ARISSat-1 from? 2

- Other (Please Specify):

Work the FM Ham Satellites (<http://www.work-sat.com>)

Many other mailing lists and websites too numerous to list.

Showing 23 Most Important Words and Phrases

Amateur Radio AMSAT Amsat-BB Amsat-UK ARISS ARISSAT-1 Clint Bradford DK3WN Forums Funkamateur Google Ham Internet K6LCS MAG Net News Podcast QST Southgate Team Tracking Twitter Yahoo



14. How did you track ARISSat-1?

1

SatPC32

HamRadio Deluxe

Nova

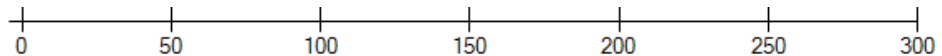
MacDoppler

iPhone App

Android App

Online tracker

Other (please specify)





14. How did you track ARISSat-1?

2

Showing 17 Most Important Words and Phrases

AMSAT Calsat32 Doppler Gpredict Heavens Linux
Listened Mmsstv Orbitron Pass Predict Satscape SDR-
RAudio Software STSPlus Tracker Tracking
Wxtrack



15. What Radio did you use to listen to ARISSat-1?

Handy Talky (HT)

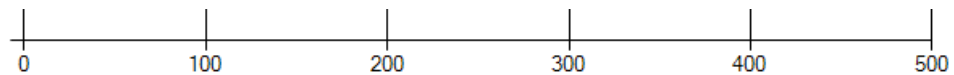
Mobile Radio

Base Station Radio

FunCube Dongle Pro

Listen on the Internet

Other (please specify)





16. What antenna did you use to listen to ARISSat-1?

1

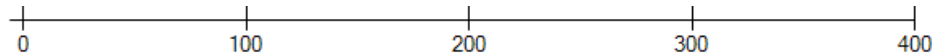
Whip (rubber duck)

Arrow

Homemade yagi

Listen on Internet

Other (please specify)





16. What antenna did you use to listen to ARISSat-1?

2

Showing 26 Most Important Words and Phrases

Antenna Array **Beam** Co-linear Comet Cushcraft
Diamond Dipole Discone Dual Band Eggbeater
Elk Gain **Ground Plane** **Homemade** **J Pole**
KLM Lindenblad **Mag Mount** Moxon Turnstile UHF Vert **Vertical** Verticle
Whip **Yagi**





17. Please tell us a little about yourself

Amateur Radio Operator

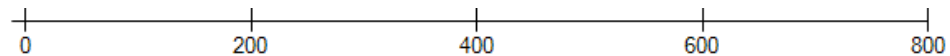
Educator Pri, Sec

Educator University

Student Pri, Sec

Student University

Other (please specify)





18. Where are you located?

North America

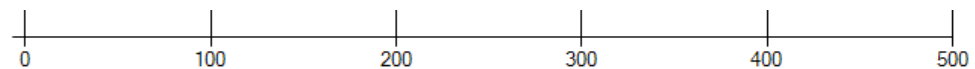
South America

Europe

Africa

Asia

Australia





19. For future satellites, what activities would you like to see?

1

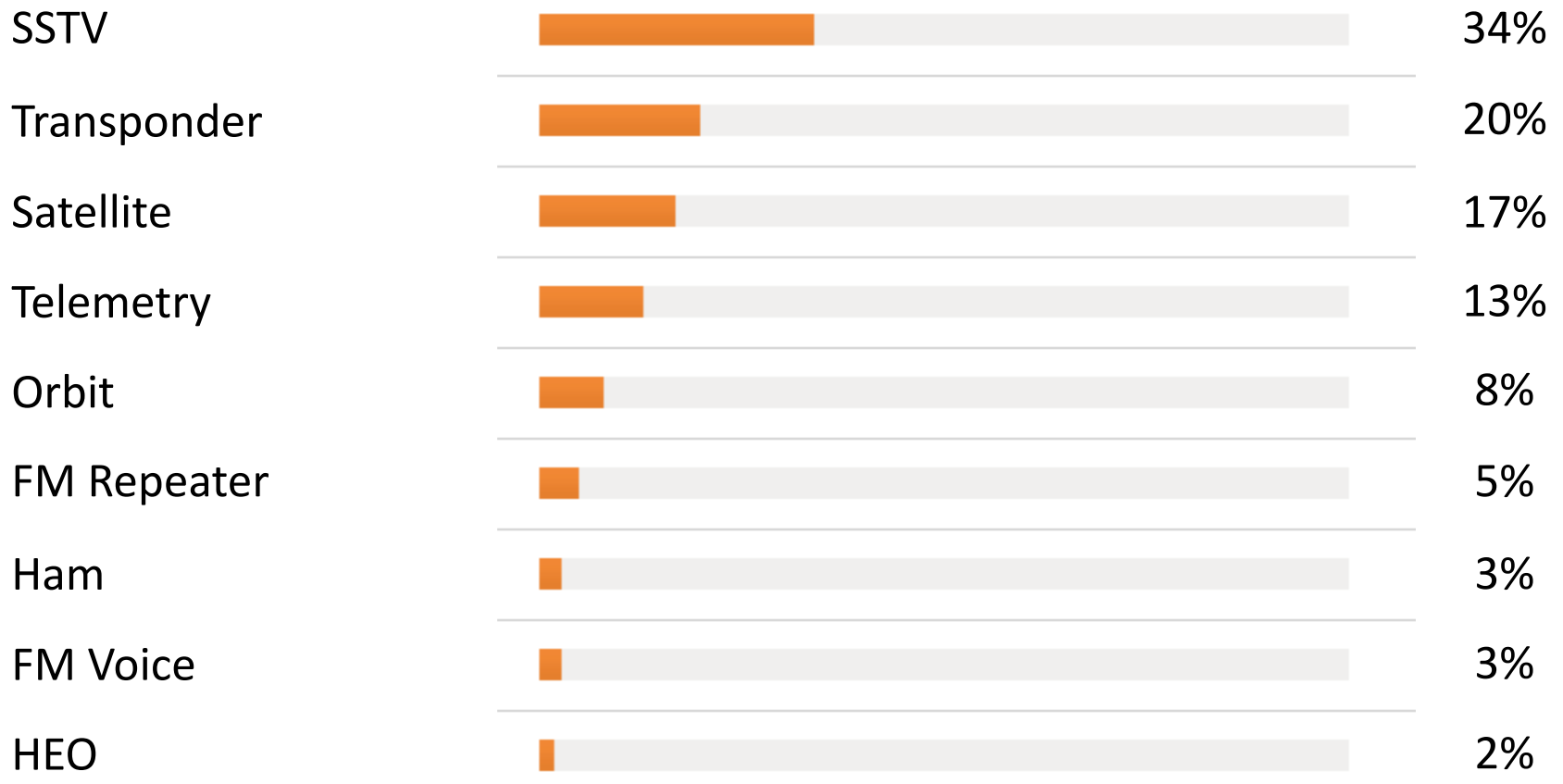
Showing 26 Most Important Words and Phrases

Activities AO-51 Arissat Better Battery Birds FM
Repeater FM Voice Fun Great Project Ham Happy
HEO ISS LEO Live Video Operation Orbit Pictures
Satellite Signals Similar SSTV Station
Telemetry Think Transponder Two Way



19. For future satellites, what activities would you like to see?

2



Thank you!



Yes

96.7%

