



AMATEUR RADIO ACTIVITIES 2018-2019

Agenda

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- ▶ Trainings
- ▶ Events
- ▶ Media
- ▶ Repeaters
- ▶ Satellite communications
- ▶ Clearance and license



Trainings

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- ▶ Training sessions (Peshawar and Islamabad) hands on practical experience
- ▶ Club station
- ▶ Call sign
- ▶ TOR (Modus Operandi) Interorbital sat program
- ▶ Training session for PAKHAMS from Abasyn University



YOTA (Youngsters on the Air)

- ▶ Ap3YOTA call sign was activated for the first time from Pakistan.
- ▶ Modes operated (SSB, CW and FT8) (300 contacts were made around the world).

Ap3ICC

RSGB has requested that we should have our own distinctive ICC theme callsign for the worldcup which is scheduled 30th May 2019.



Aaj TV program (Siyasat say Hat Kay)

<https://www.youtube.com/watch?v=EhtVC2dfb-s>

A 17 minutes program was aired on Aaj TV exclusively on Amateur Radio in Pakistan.

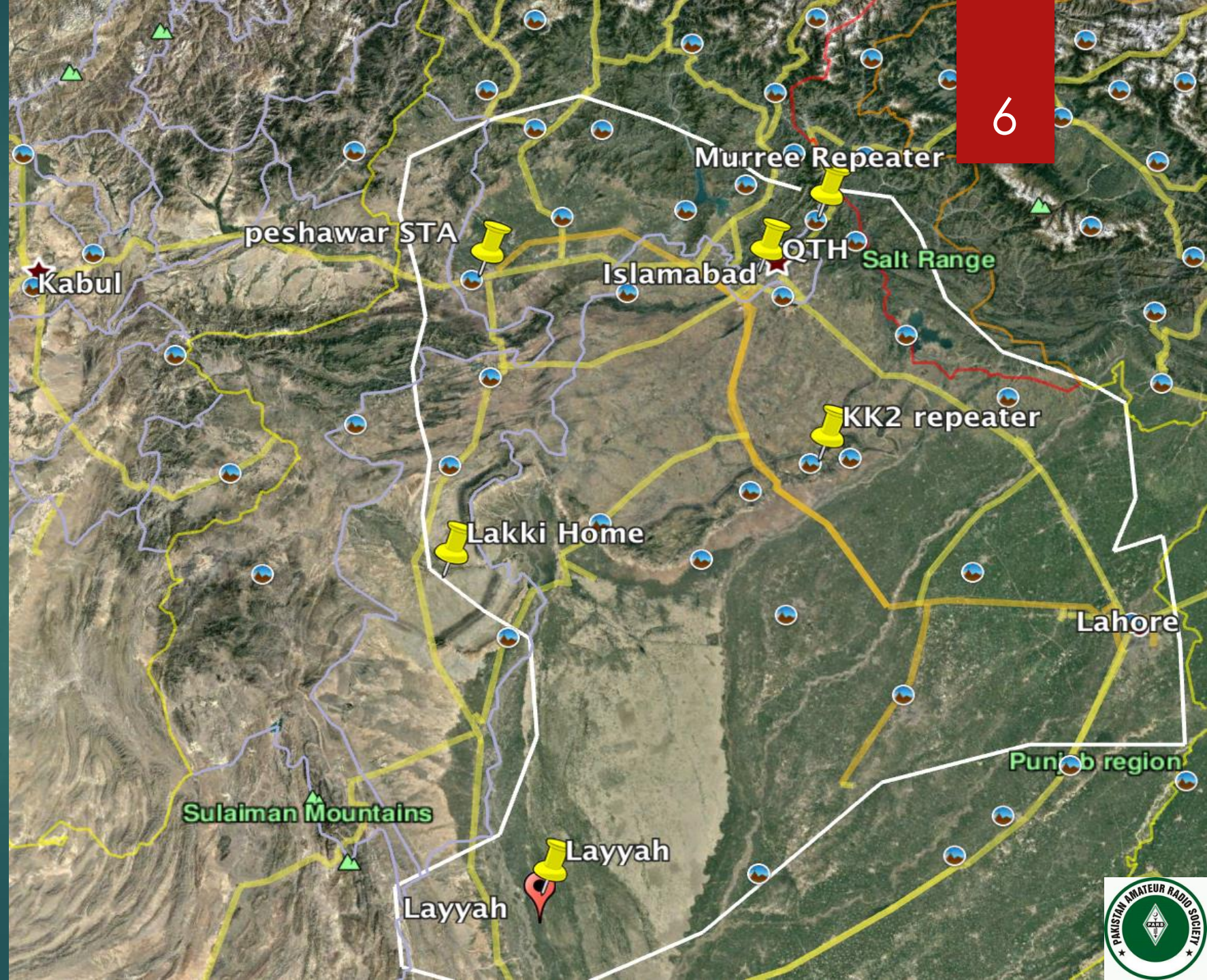
https://www.youtube.com/watch?v=B9m_TBsoYSQ&t=49s

► FB page posts going viral



Repeaters update

- ▶ Coverage of existing setup
- ▶ 2+1+1
- ▶ Crossband repeater hooked up with Lahore repeater.
- ▶ Lahore repeater functioning as per expectations



Satellite Communication

- ▶ SSTV reception from International Space Station (Robot 36) 145.800 FM

<https://www.youtube.com/watch?v=XD2HWiS9qOY> (3:30)



**RSOISS
NA1SS**
8 - 10 February 2019

Amateur Radio on the International Space Station
Любительское радио на борту Международной космической станции

ARISS SSTV Award

№ NA0993

Asad Ullah Marwat AP2AUM

Received SSTV images commemorating the NASA On The Air and 35th anniversary Amateur Radio on Human Spaceflight Missions, sent through the amateur radio system installed on the Russian segment of the International Space Station.

Принял SSTV изображения в ознаменовании NASA On The Air и 35-летия радиолюбителей на космических полетах, отправленные через радилюбительскую систему установленную на Российском сегменте Международной космической станции.

**Руководитель Радилюбительской
Деятельности на МКС**
Сергей Самбуров RV3DR

ARISS International Chair
Frank Bauer KA3HDO

ARISS Europe Chair
Oliver Amend DG6BCE

RSOISS NA1SS Оператор - космонавт
Олег Кононенко

Mentor ARISS Europe
Armand Budzianowski SP3QFE

ARISS SSTV Award Manager
Sławomir Szymanowski SQ3OOK



Satellite Communication

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- ▶ Regular communication
- ▶ NOAA weather satellite decoding
- ▶ Es'Hail 2, QO 100 Geostationary satellite

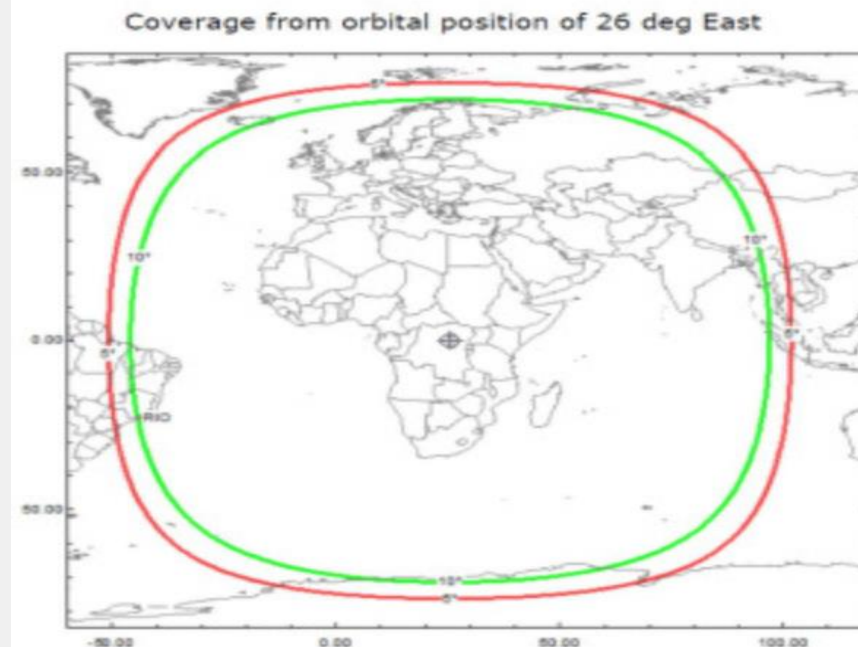
Es'hail-2 carries two "Phase 4" [amateur radio transponders](#) operating in the 2400 MHz and 10450 MHz bands. A 250 kHz bandwidth linear transponder intended for conventional analogue operations and an 8 MHz bandwidth transponder for experimental digital modulation schemes and DVB amateur television.

Narrowband Linear transponder

2400.050 - 2400.300 MHz Uplink
10489.550 - 10489.800 MHz Downlink

Wideband digital transponder

2401.500 - 2409.500 MHz Uplink
10491.000 - 10499.000 MHz Downlink



Where do we stand with the licenses and the authorities

- ▶ We have been able to revive 10 Amateur radio licenses whose licenses were cancelled being not utilized. They are back on air now.
- ▶ A club station license AP5FRS has been reactivated and they intend to start their activities from April 15, 2019
- ▶ 1 new license has been issued in last 1 year
- ▶ We are actively pursuing it with the authorities and PARS have been given a task to redraft the already approved SOP of PTA addressing some security concern of the Clearing agencies. Once it is cleared they will open the license issuance



Thank you