Version: 25 July 2023

## Sterling Park Amateur Radio Club (SPARC) Technician License Examination Preparation Class

## 29-30 July 2023

- 1. The Sterling Park Amateur Radio Club (SPARC) will conduct a Technician License Preparation Class.
- 2. **Date/Time**: Saturday and Sunday, 29-30 July 2023

Class: Saturday 29 July 2023: 0800 – 1730 hrs. and Sunday 30 July 2023: 0800 – 1200 hrs. Licensing Exam: Sunday 30 July 2023: 1300 hrs. (for class members) and 1400 hrs. (for exam-only candidates) *Please see separate Instructions for the Licensing Examination*!

- 3. **Venue**: Loudoun County Sheriff's Office, Eastern Loudoun Station, 46620 E. Frederick Drive, Sterling, VA 20164.
- 4. **Attendees**: All interested persons are invited to participate in the Technician License Examination Preparation Class. *Classroom space is limited, so prior registration is required*.
- 5. Fees: There is no fee for participation in the Technician License Preparation Class.
- 6. **Coordinator**: The Class Coordinator is Amitabha "Amit" Mukherjee, WY2Z, <u>amit5201@gmail.com</u>. Intending participants should please email him to register for the Class.

## 7. Pre-class study:

Students are advised to read a Technician License Class study guide: the recommended material can be accessed free at KB6NU's No-Nonsense Technician Class License Study Guide (2022-2026): <a href="https://www.kb6nu.com/wp-content/uploads/2022/05/2022-no-nonsense-tech-study-guide-v0-1.pdf">https://www.kb6nu.com/wp-content/uploads/2022/05/2022-no-nonsense-tech-study-guide-v0-1.pdf</a>
Students are not required to bring the study guide to the class.

Additional material can be accessed at:

ARRL: <a href="https://learn.arrl.org/courses/?pathPage=%2Farrl%2Fcourses%2F35902%2Fvideo\_presentations%2F212591">https://learn.arrl.org/courses/?pathPage=%2Farrl%2Fcourses%2F35902%2Fvideo\_presentations%2F212591</a>
Dave Casler Technician License Series (37 videos by Dave Casler, KE0OG) covering the Tech syllabus: click on <a href="https://www.youtube.com/playlist?list=PLuapIzKwhZN\_30dcgsDbGU3J7C8BAYJcG">https://www.youtube.com/playlist?list=PLuapIzKwhZN\_30dcgsDbGU3J7C8BAYJcG</a>

Online Practice Exams are available and may be used by students. Several sites are available, such as:

https://www.qrz.com/hamtest/ https://hamexam.org/flash\_cards/18-Technician https://www.eham.net/exams/test?pool=T

8. Radio demonstration: TBC Antenna demonstration: TBC

- 9. **Instructor-Guided Class**: Twelve and a half (12.5) hours of class cover all sub-elements of the Technician Class Licensing Examination. The class material/ presentation is the current version of the K3DIO instructor presentation.
- 10. Refreshments (Coordinator: Amit WY2Z):
  - a. Donuts & coffee prior to beginning of class daily: 2 dozen donuts; 1 30-cup pot of regular coffee.
  - b. Soft drinks: 1 case water, 2 cases (24 each) soda placed in cooler with ice.
  - c. Disposables: Spare masks, hand sanitizer, roll of paper towels, disposable cups, trash bags.
- 11. **Lunch**: Participants should provide for their own daily lunch: they may bring a bag lunch or go out for lunch.

## Sterling Park Amateur Radio Club (SPARC) Technician License Examination Preparation Class 29-30 July 2023

Sub-Element & Description	Groups	Questions in Pool	Start Time	Duration	Instructor
Saturday 29 July 2023					
T8 – Signals and Emissions	4	48	0800	1:30	Gordon NQ4K
T0 – Safety	3	36	0930	1:00	David KF4PBU
T1 – Commission's Rules	6	67	1030	1:30	
T7 – Practical Circuits	4	44	1200	1:00	
Lunch			1300	1:00	
T2 - Operating Procedures	3	36	1400	1:00	Eric, KF5LR
T5 – Electrical Principles	4	52	1500	1:30	
T6 – Electronic and Electrical Components	4	47	1630	1:00	
End of Saturday Class			1730		
Sunday 30 July 2023					
T4 - Amateur Radio Practices	2	24	0800	0:30	Evan, KM4SK
T3 – Radio Wave Propagation	3	34	0830	1:00	Larry, W8ANT Suzin, N8SEM
T9 – Antennas and Feed Lines	2	24	0930	1:30	
Practice Exams			1100	1:00	Amit, WY2Z
End of Sunday Class			1200		
Lunch			1200	1:00	
Examination begins			1300		