Battle of the Rockets™ Competition 2026-2027

Rev 1.2 June 22, 2026

Introduction

The Battle of the Rockets™ is a program of the Federation of Galaxy Explorers. The program is a series of competitive events focusing on the engineering design cycle. The events within the competition are designed to inspire student's interest in engineering and science with an exciting hands-on competition. The competition provides multiple levels of difficulty of engineering design challenges. These challenges are meant to continuously increase as the competitor's skill level grows. Each year, Galaxy Explorers will introduce new and more complex event challenges for the competition.

Dates

Registration for the competition is due by Oct 30, 2026.
The launch will be held on April 2 - 3, 2027 and will be for two days.

The Competition

The competition comprises multiple events. Each event has unique challenges and complexities. The events are judged separately.

Contact Information

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Competition Operation

The competition starts when the competition guide is posted online in August. Teams can start designing before registration. Registration starts when the competition guide is posted and ends October 30.

All Target Altitude teams are required to submit rocket safety documents by the end of Dec 15. Documents will be reviewed and teams will receive comments about their designs. The purpose is to identify any potential safety or operation issues so teams will have a better chance of success. The safety document template will be made available. Teams must include an email address for comments in the document and use the file name format as follows:

Safety_xxxx.pdf where xxxx is the team number.

The sounding rocket event and rover event teams are required to submit PDR documents in December and have a review with judges. The PDR documents are scored. Teams will get score results after PDR.

March 1, sounding rocket event and rover event teams submit CDR documents and have a review with judges. The CDR documents are scored. Teams will get score results after CDR.

Templates for the PDR and CDR are provided. Use them and do not change the order of the slides. Scoring is based on the templates.

All rockets are to be flown before the competition weekend. Some documentation of a flight attempt should be submitted to the contest email. An example of documentation is a picture of the signed flight card.

PDR and CDR schedules are created by having volunteer judges sign up for time slots over a one week period indicating their availability for reviews. Time slots are in one hour increments from 7am until 8pm eastern. When two or three judges sign up for the same time slot, the time slot becomes available for teams to select. At least one week before reviews start, the calendar of available time slots will be sent to the teams for selection. Each team is to submit 3 time slots and will be given the first available selected time slot. Reviews are to last a half hour.

In April, the competition launch will take place on Saturday and Sunday. This allows dealing with weather issues and gives teams time to perform up to 3 qualifying launches and any test launches. There is no launch schedule for the two days. It is up to the teams to manage their time and get enough qualifying launches completed. The competition launch period starts 10 am Saturday and ends 4 pm Sunday. Launch times for Friday and Saturday are 10 am to 4 pm.

An awards ceremony will be held on the field. Teams are encouraged to attend the awards ceremony. For teams who cannot attend, their award will be mailed.

Weather can affect launching. NAR and Tripoli rules do not allow for launching into clouds or with winds over 20 mph. If the cloud ceiling is too low or the weather is affecting the performance of the rockets in any adverse way, the range will be shut down until the weather improves. The competition must follow all safety rules. It is possible the weather can affect the whole weekend. If rover and sounding rocket teams are not allowed to launch the whole weekend, awards will be given based on PDR and CDR scores. Target altitude teams will not be able to fly and will not receive any awards. Target altitude competition requirements will be kept the same for the next year.

Launch Procedures

All teams are to prepare their rockets and payloads in the team area. Teams must follow all safety procedures for handling rocket motors and ejection charges. When teams are ready to launch, they must bring their rocket up to the Range Safety Officer (RSO) table for a safety check. If performing a test flight, a club flight card needs to be filled out. For high power motors, a member of the team or mentor or any person over 18 and certified by NAR or Tripoli at the correct level must fill out the flight card. The RSO will check the rocket for flight worthiness and verify the rocket motor meets the 5:1 thrust to weight ratio.

Once approved by the RSO, the team with the certified motor handler will move on to the Launch Control Officer (LCO) at the flight line and hand off the flight card. The LCO will assign a launch pad and the team with the certified motor handler can proceed to load the rocket on the launch pad.

At the launch pad, the team can load the rocket and prepare the payload if the rocket has a payload. When it is time to arm the altimeter and insert the igniter, non-certified team members must back away from the rocket. Only the minimal number of people should be near the rocket during the arming process and igniter insertion. Per range safety rules, no more than five people are allowed with a certified adult. All team members must return to the flight line after the rocket is ready for launch.

After all rockets have been launched, the LCO will announce the range is safe and at that time, teams can go into the field to recover their rockets and payloads.

Specific instructions for each event for recovery and judging are in each event section.

Awards

Each event will have a set of awards. The top three teams will receive a plaque reflecting their ranking. If teams are not present during the award ceremony at the end of Sunday, the teams will be contacted and awards shipped.

All team members will receive certificates of participation. A member of the team must be present at the launch to receive the certificates.

Launch Systems

Launch pads will be provided and have six feet long 1 inch (1010) aluminum rails. 8 foot 1.5 inch (1515) aluminum rails will be provided. The rails are to be vertical. They cannot be angled at all. Teams can substitute with their own launch equipment. For safety, student launch equipment will be inspected by the launch LCO and or RSO.

The following table is the rail requirements.

Rail	Max Motor Size	Rail Buttons	On Pad Max Weight (lb)	Max Rocket Diameter (in)	Rail Length (feet)
1010	J	1010	15	6.0	6
1515	L	1515	25	7.5	8
Unistrut	O	Unistrut/1515	100	18	20

Practice Flights

Teams can perform test flights any time during the year up to the competition. The teams must perform test flights at sanctioned rocket launches supported by NAR or Tripoli. If testing with high power rocket motors, a team member must be certified or the team must find a person at the launch with proper certification to purchase and assemble the rocket motor for the team. Teams must follow all regulations when flying with high power rocket motors.

Disqualifications

A team will be disqualified for any of the following reasons:

1. Recovery system does not deploy and the rocket free falls or goes ballistic.
2. One or more parts of the rocket free fall from the rest of the rocket.
3. Rocket motor separates from the rocket during any part of flight.
4. The rocket is damaged beyond field repair after flight.
5. Team acts in a dangerous manner.
6. Team misbehaves and or interferes with other team's progress.
7. Team does not launch before the end of the window.
8. Team attempts an unsafe recovery. An unsafe recovery is defined as attempting to remove any part of a rocket out of power lines or trees that require climbing. Rockets

can be pulled out of trees or other vegetation if the team member can reach any part while standing on the ground.

9. The team argues with the contest director.

Rocket Test Flight

Teams are to complete one test flight and submit a flight document, such as a signed flight card, before the competition. Due to the complexity of some of the rockets, test flights must be completed before the competition.

Test flight information can be submitted electronically via email.

Common Rules for All Events

Item	Rule
1	All competitors must follow the Tripoli High Power Safety Code. The code can be found on the Tripoli website. www.tripoli.org
2	The rocket must have been flown before. First flight rockets are allowed Friday if the rocket passes RSO inspection.
3	All rockets shall use a single motor: Clustering and staging are NOT allowed.
4	The airframe, fins, nose cone, bulk plates, centering rings, and motor mount cannot be made of any metals.
5	Metal fasteners and small metal components are allowed.
6	Composite materials are allowed.
7	Launch lugs are not allowed except for in the Target Altitude event.
8	Competitors can provide their own launch pad and controller.
9	A positive motor retention is required. Motor retention must pass RSO approval before the flight will be allowed.
10	Friction fit of motors is not allowed.
11	No modifications are allowed to any of the currently certified commercial motors. Manufacturers that allow modifications to the delay charge as part of standard assembly is allowed.
12	Only currently certified NAR/Tripoli commercial motors are allowed.
13	Average thrust to weight ratio must be at least 5:1. Rockets will not be allowed to fly if their thrust to weight ratio is less than 5:1.

14	Any of the commercially available altimeters are allowed.
15	Electronic deployment devices are allowed. (dual deployment altimeters, Jolly Logic Chute release, etc.)
16	Electronic deployment devices must be disarmed until the rocket is placed on the launch pad.
17	Recovery aids such as radio beacons/trackers and audible beacons are allowed.
18	Maximum descent rate must not exceed 20 feet/sec.
19	A recovery system is required so that the rocket lands and is immediately flyable without the need for any repairs or alterations. Rockets not meeting this definition will be disqualified.
20	Any structural part of the rocket recovery system, or motor that free falls will result in a disqualification. Pop off rail guides are considered part of the ground support equipment. Any components that are supposed to be released or discarded for launch purposes are allowed. The competitor must specify what gets released or discarded for launch purposes before the launch.
21	The word of the safety committee and range safety officer is final. The safety team and/or RSO are the ultimate judges in determining a safe or unsafe flight.
22	Rockets are not to exceed 10,000 feet due to waiver limits.
23	Up to three attempts per competitor per event is allowed. Exceptions are due to malfunctioning launch equipment or faulty rocket motor due to manufacturer defects. Launch attempts stop at 4pm. It is up to the competitor to manage their time.
24	Rockets may not use any externally-generated signals such as radio or computer control for any purpose, including flight termination, after liftoff. Autonomous on-board control systems can be used.
25	No guidance systems are allowed.
26	Boosted darts are not allowed.
27	Recovery electronics must be turned on before the igniter is inserted.
28	The igniter is to be installed at the launch pad when the rocket is in the vertical position.
29	Competitors attempting unsafe recovery from trees or power lines will be disqualified. If a rocket lands in a tree or power line, a contest or launch official must be notified in order to make a safe recovery.
30	The altimeter used for altitude measurement must not be removed from the rocket or turned off until in the presence of a judge.

31	If a team chooses to use a hybrid rocket motor, the team must provide all ground support equipment.
32	No Li-PO batteries allowed.
33	All electronics power must support up to an hour delay on the launch pad.
34	Sparky motors or any type of motor that can generate sparks are not allowed
35	If the rocket uses a level 1 or level 2 motor, at least one team member with the appropriate certification level must be present at the launch, handle the rocket and motor and insert the igniter into the motor
36	The range safety officer has the right to refuse any rocket deemed not safe.
37	If using a VMAX rocket motor, an electronic altimeter is required per manufacturer requirements.
38	All parts of rockets must land safely.

Event 1: Mars Rover Delivery

Event 1: Mars Rover Delivery

The event shall simulate the prepositioning of assets at various locations on Mars for future astronauts to use. The asset the team will provide is a small rover to assist astronauts in exploring areas of interest. Since the landing location can have vegetation that will inhibit the rovers maneuvering abilities, a designated bare area will be used. Assets and materials prepositioned are usually delivered packaged in a container of some sort to protect the asset from the environment and landing.

Design a Mars Rover with the ability to deliver an instrument and collect an instrument. The rover shall be packaged in a container to be launched on a rocket to at least 1000 feet and less than 2000 feet. At peak altitude, deploy the rover in its container to descend at less than 15 feet/sec at landing. The container shall transmit telemetry at a 1 Hz rate containing altitude, acceleration, container temperature, and battery voltage from launch to landing.

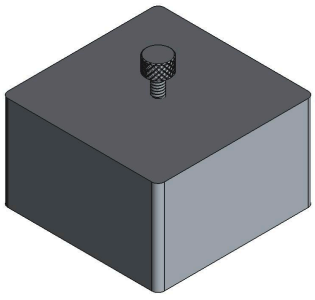
Once landed, the team shall locate the rover in its container and rocket and return both to the judge for inspection. The rover container must remain closed. The team shall open the container at the judges table when the judge is ready.

The rover must be in a state that once removed from the container, it can be assembled and ready for operations within five minutes using simple handtools. The container that the rover is enclosed must be easily opened using simple hand tools.

Teams will place their rover in an arena in the Mars base airlock. The team shall remotely operate their rover without viewing the field directly. The team shall deliver an instrument package next to an existing instrument package that is placed at some random location which will require the team to locate the instrument. The team shall collect the existing instrument package and return to the Mars base airlock. All operations are to be completed within 10 minutes.

A camera will be mounted above the arena pointing downward to provide a “satellite” image of the arena once every minute and displayed on a monitor for the team to use as an aid in the remote navigation.

The airlock will have an interior volume of 300 mm x 300 mm x 300 mm. The top will be open for teams to insert their rover. The airlock door will open outwards at the start of operations. The judge will open the airlock.



The instrument package shall have a feature for the rover to grip. The instrument shall be 35 mm wide x 35 mm deep x 30 mm tall with 2 mm radius corners. A 6-32 thumbscrew with ½ inch long threads shall be

inserted in the top half way to provide the rover a capture point. The mass will be 14 to 15 grams.

The arena will be about 10 x 15 feet and under a canopy. It will be cleared of vegetation and include hard surfaces and sandy areas. Being outdoors, there is a chance the ground will be moist or muddy depending on the weather.

References:
https://www.rakeshmondal.info/4-Wheel-Drive-Robot-Design

Payload Requirements

Req #	Requirement
1	The container and rover shall not weigh more than 2 Kg.
2	The container and rocket shall ascend to at least 1000 feet and less than 2000 feet.
3	Upon being deployed, the container shall descend at a rate of less than 15 feet/sec.
4	During ascent and descent, the payload shall transmit telemetry once per second.
5	The telemetry shall consist of altitude, acceleration, payload temperature, and battery voltage.
6	The telemetry radio shall use an ESP32 based module using the ESPNOW communications protocol.
7	The payload telemetry radio shall use the ground station MAC address when sending telemetry.
8	The payload telemetry radio and ground station radio shall be set to an assigned WiFi channel.
9	The rover shall transmit video of where it travels in real time to the ground station.
10	The rover video link and command link can be any type of wireless connection.
11	The rover shall be remotely operated.
12	Teams shall not have direct view of the arena during their operations.
13	No team member shall provide direct visual assistance.
14	The container shall enclose the rover and provide flight protection.
15	The container shall be opened using basic hand tools.
16	The team shall have 5 minutes after removal of the rover from the container for assembly and placing in the arena.

Ground Station Requirements

Req#	Requirement
1	A ground station shall capture telemetry from the payload during ascent and descent.
2	The ground station shall use an ESP32 based module using the ESPNOW communications protocol.
3	The ground station radio shall be set to an assigned WiFi channel.
4	The ground station shall display the telemetry in real time.
5	The ground station shall plot the altitude data in real time.
6	The ground station shall be portable.
7	The ground station shall be used to operate the rover using any communications method.

Rocket requirements

Req #	Requirement
1	Motor clusters are not allowed.
2	Staging is not allowed.
3	Total installed impulse shall not exceed 2,560 Newton-seconds or a K motor.
4	All parts of the rocket must safely return under a recovery system.
5	The rocket airframe, nose cone, fins, bulk plates, and centering rings cannot be made of any types of metal. Composite materials are allowed.
6	If the rocket with the rover exceeds 12 pounds, rail buttons for 1515 and extreme rails must be used.
7	If the rocket is more than 6 inches in diameter, rail buttons for 1515 and extreme rails must be used.

8	If the rocket is over 35 pounds or greater than 8 inches in diameter, unistrut rail buttons must be used and will be launched at the away cell.
9	The rocket must reach an apogee of at least 1000 feet.
10	The rocket must use a commercial altimeter for measuring the peak altitude.
11	The average thrust to weight ratio must be greater than 5:1.
12	Average thrust is per the motor designation. For example, a J240 has an average thrust of 240 newton-seconds.
13	The rocket must use a motor retainer. Friction fit is not allowed.
14	All common rules must be followed.

Documentation Requirements

Teams must submit a preliminary design review document and a critical design review document.
PDRs are due by December 1.
CDRs are due by March 1.
Documentation should be submitted via email to battleoftherockets@gmail.com.
Templates will be provided for both PDR and CDR. Design review will be scheduled after each submission date. Teams will present via teleconference.

All documents must be in PDF format.
PDR file name format shall be robot_xxxx_pdr.pdf where xxxx is the team number.
CDR file name format shall be robot_xxxx_cdr.pdf where xxxx is the team number.
The file name formats must be followed.

Judging and Scoring

Before launch, teams must secure a judge to review the ground station and monitor the launch.

The team must bring with the altimeter so the judge can get the altitude reading for scoring. The altimeter must not be turned off before the judge gets the reading. Teams then can open the rover container under the judges supervision and perform any assembly operations within 5 minutes. Teams will position their rover in the Mars base airlock and perform their mission within the allotted time.

Once the judge has completed scoring, the team may recover all parts of the rocket and payload.

Flight Scoring

Teams will receive a score for each level successfully completed. Certain levels require previous levels and must be completed in order to gain current level points. The scores will be added to the PDR and CDR scores.

Requirement	Score	Function
1	5	Rover and container does not exceed 2 Kg.
2	10	Rocket apogee is between 1000 and 2000 feet.
3	5	Rover and container was deployed from the rocket after reaching apogee
4	10	The Rover in the container shall descend at less than 15 feet/sec.
5	30	Telemetry is received by the ground station during ascent and descent.
6	10	Altitude is plotted in real time.
7	10	Acceleration is plotted in real time.
8	10	Temperature is plotted in real time.
9	10	Battery voltage is plotted in real time.
10	10	Rover and container lands intact. No broken pieces.
11	20	The rover is removed and prepared within 5 minutes.
12	40	Rover delivered the instrument package next to the existing package within 15 minutes.
13	50	Rover returned to the Mars base airlock with the existing instrument package within 10 minutes.

Event 2: Deployable Payload

Event 2: Deployable Payload, PocketQube

Design a payload and rocket to launch, using a commercial G rocket engine, to at least 1000 feet and no more than 1700 feet and have the payload PocketQube deploy from the rocket at peak altitude. The PocketQube form factor shall follow the PocketQube standard. The PocketQube shall be a 1P or 2P size. When installed in the rocket, the PocketQube shall be unpowered. When deployed from the rocket, the PocketQube shall power on and start sending telemetry at a minimum of 4 Hz. The telemetry shall include air pressure, PocketQube temperature, X,Y,Z rate gyro data, and GPS position data. The PocketQube shall include a video camera to record the horizon during descent.

The ground station shall capture the data transmitted from the payload and display the sensor data in real time. The ground station shall calculate the altitude and descent rate based on the

telemetry received. The video shall be played back for the judge after retrieving the payload and rocket.

PocketQube Standard: https://www.albaorbital.com/pocketqube-standard

Payload Requirements

Req #	Requirement
1	The PocketQube shall be 1P or 2P size.
2	The PocketQube shall meet all the requirements in the PocketQube Standard.
3	The PocketQube shall have a parachute attached to it that automatically opens when the PocketQube leaves the rocket.
4	The PocketQube must be deployed at apogee.
5	The descent rate shall be less than 15 feet/sec after parachute release.
6	Sensor measurements shall include air pressure, altitude, payload temperature, payload rotation rate, and GPS position.
7	The payload shall transmit the sensor measurements at a minimum of 4 Hz rate.
8	The payload shall use the ESPNOW protocol to communicate with the ground station.
9	The payload shall use the ground station MAC address for communicating with the ground station.
10	The payload radio shall be able to have its WiFi channel set to a channel specified at the field.
11	The nose cone shall fall gently to the ground at less than 15 feet/sec. Tumbling is allowed.
12	The camera shall capture video of the horizon as it descends until it lands.
13	The PocketQube shall be held in place in the rocket using the rail specification in the PocketQube Standard.
14	No pyrotechnics allowed in the deployment of the PocketQube.

Rocket requirements

Req #	Requirement
1	The rocket shall use a commercial G motor.
2	The rocket must reach at least 1000 feet and not exceed 1700 feet.
3	The rocket must use a motor retainer. Friction fit is not allowed.
4	The rocket shall include a commercial altimeter to verify its peak altitude.
5	The rocket shall be returned to the judges area for altitude verification.
6	All common rules must be followed.

Ground Station Requirements

Req #	Requirement
1	The ground station shall be portable.
2	The ground station antenna shall be handheld.
3	The ground station shall operate on battery for at least 2 hours.
4	The ground station shall display the telemetry in real time.
5	The ground station shall calculate the descent rate of the payload in real time.
6	The ground station shall calculate the altitude of the payload in real time.
7	The ground station shall plot the altitude in real time.
8	The ground station shall plot the internal temperature in real time.
9	The ground station shall plot the rotation rate in real time.
10	The ground station shall display GPS data in real time.

Documentation Requirements

Teams must submit a preliminary design review document and a critical design review document.
PDRs are due by December 4.

CDRs are due by March 5.
Documentation should be submitted via email to battleoftherockets@gmail.com.
Templates will be provided for both PDR and CDR. Design review will be scheduled after each submission date. Teams will present via teleconference.

All documents must be in PDF format.
PDR file name format shall be ds_XXXX_pdr.pdf where xxxx is the team number.
CDR file name format shall be ds_XXX_cdr.pdf where xxxx is the team number.
The file name formats must be followed.

Judging and Scoring

Before launch, teams must secure a judge to be at the ground station. The judge will review the ground station and indicate when ready for launch. The team must also determine when they are ready for launch. One member of the team must be designated the mission control officer and must be positioned at the launch control officer and verify with their team they are ready for launch. The rocket will not be launched until the mission control officer gives word to launch.

After all parts of the rocket have been recovered, the team shall return the payload to the ground station and download the video with a judge present.

For altitude verification, the team must return the rocket with the altimeter still on. Do not turn off the altimeter before the judge records the altitude.

Flight Scoring

The flight scores will be added to the PDR and CDR scores.

Requirement	Points	Function
1	20	PocketQube meets the standard mass limit. 1P < 250 grams 2P < 500 grams
2	20	PocketQube meets dimensional requirements. Fits in the test pod.
3	20	The rocket reaches at least 1000 feet and does not exceed 1700 feet.
4	20	Payload deploys from the rocket at peak altitude.

5	30	The ground station receives telemetry when the PocketQube is deployed.
6	30	Altitude is plotted in real time with reference to local ground.
7	20	Gyro rotation rates are plotted in real time.
8	20	Payload temperature is plotted in real time.
9	20	GPS position information is displayed in real time.
10	10	The number of GPS satellites being tracked is displayed in real time.
11	50	The camera captures video of the horizon
12	20	Descent rate is calculated and displayed in real time.

Event 3: Target Altitude

Event 3: Target Altitude, Upscale

Design and build a rocket to reach 1100 feet using a commercial F motor. The vehicle must carry a commercial altimeter. The rocket shall be an upscaled version of the Estes Luna Bug rocket kit and include all the features of the kit such as the landing pads and fin design.

The vehicle must safely recover and be in condition to be flown again. The team must perform two successful flights of the same rocket meeting all the requirements out of three attempts. At least two attempts must meet the requirements or be disqualified. The team with the closest altitude to 1100 feet wins.

The rocket must be test flown before any qualification attempts. 3D printing is allowed.

Requirements

Item	Requirement
1	Two successful flights must be completed out of three attempts.
2	Any commercial certified F motor is allowed.
3	Only a commercial altimeter may be used.
4	The rocket must be a scale version of the Estes Luna Bug rocket kit including the fins and landing pads.
5	The rocket must use a launch rail. Rods are not allowed.
6	The rocket must be designed and built from scratch. Cannot use kits or existing design files from the internet.

Documentation Requirements

Teams are required to submit a design document describing the design of the target altitude rocket by December 15. A document template will be provided. Documentation should be submitted via email to battleoftherockets@gmail.com.

Judging and Scoring

The flight score is the absolute value of 1100 - altitude in feet. The two lowest flight scores will be summed up and become the final score. The lowest combined flight score wins.

After teams complete a qualification flight attempt, the team must take their rocket with the altimeter to the judge’s tent to record the altitude. Do not turn off the altimeter until after the altitude has been recorded. The altitude must be recorded at the judge’s tent.

Application

Teams must submit an application form and identify each event to be attempted. The application form requires student information and a signed release form. No information will be released or sold. All applications are to be destroyed after the competition. The information requested is for administrative and insurance purposes only. The application fee for the Target Altitude event is $50 and $75 for the Deployable Sensor Payload and Rover events. The application fee is nonrefundable. Teams can compete in more than one event.

Team Requirements

Teams shall have at minimum 2 members and no more than 10 members per event. Teams can consist of university, college, or trade school students currently enrolled in a university, college, community college, high school, non-profit organizations such as boy scouts, girl scouts, 4-H club, etc or trade school. Each team must have a faculty advisor assigned to the team. The faculty advisor may support multiple teams. Teams can have a Tripoli or NAR certified mentor to review and guide teams in rocket design and motor handling.

At least one team member or mentor must have a membership in Tripoli or NAR and be certified at the proper level to use the selected high power rocket motors if a high power rocket motor is needed. The certified team member or mentor must attend the contest with the team.

Only team members can work on any aspect of the competition including the design, simulation, construction, repair, and launching. Adults, companies, and any non-team members cannot help. Mentors cannot design the rocket but can provide guidance in the design of the rocket and help with test launches.

Schedule

Date	Task
7/15/2026	Post new competition guide
8/1/2026	Promote the competition to schools
8/15/2026	Open applications
10/30/2026	Close applications
11/2-11/17	Judges sign up for PDR time slots
11/17-12/4	Teams sign up for PDR time slots
12/4/2026	PDR docs due
12/7-12/11	PDR reviews
2/8-2/19/2027	Judges sign up for CDR time slots
2/19-3/5/2027	Teams sign up for CDR time slots
3/5/2027	CDR Docs Due
3/8-3/12	CDR reviews
4/2-4/3/2027	BOR Finals