

FIRST CHESAPEAKE TOWN HALL

***FIRST* Chesapeake FTC and FRC Programs** **2021-2022 SEASON** **UPDATE**



FEEDBACK FORUM AGENDA

- ☒ **Housekeeping**
- ☒ **FRC and FTC Programs Updates**

HOUSE KEEPING

- ☒ ***This is being recorded and will be shared via email later this week***
- ☒ ***We will hold all questions and comments until after the updates***
 - Feel free to type them into the chat area as you think of them***
- ☒ ***We have a hard stop at 8pm. If there are additional questions or suggestions in the comments box, they will be addressed via email later this week***
- ☒ ***There will be additional opportunity for remote updates and feedback in the coming months***

CHALLENGES FOR THIS YEAR

- ☑ **Follow CDC and local guidelines for the safety of our teams and volunteers**
- ☑ **Realizing this most likely will not be a “normal” season**
 - **Develop “event” strategies to celebrate a teams accomplishments while keeping up with current protection and social distancing guidelines. Including group size limits**
 - **Keep teams in their own PODs as much as possible**
 - **Be flexible as state, local and venue guidance changes**
- ☑ **Masks will be mandatory for any team or volunteer participating in a *FIRST* Chesapeake-sanctioned event**

FRC AND FTC HYBRID EVENTS

- ☑ **Teams compete in smaller one-day events**
- ☑ **Limit attending to team members and mentors**
- ☑ **Remote Judging of all awards including Dean's list**
- ☑ **Majority of volunteering will be remote**
- ☑ **Remote awards ceremony 6pm the Tuesday after teams compete**
- ☑ **Twitch will be used for spectator viewing**
 - **No in person spectators other than teams**
 - **Recordings available on YouTube**

FRC Team update

- ☑ **Currently 112 FRC teams (3 rookies)**
- ☑ **2 Greater Richmond events, 4 Greater DC events**
- ☑ **All events require an event consent and release**
<https://events.firstchesapeake.org/consent-release/>
- ☑ **Week 0 and Pre-inspection events being planned**
 - ☑ **Old Banneker High School DC 2/26 and Deep Run High School Glen Allen, VA 2/27**
 - ☑ **Mentor 1 can make selections at**
<http://events.firstchesapeake.org:9095>

FRC Team update

- ☑ **Events will have two twitch feeds, one fixed view one and one combined with commentators**
- ☑ **Colonial Heights venue 14' - 16' ceilings**
- ☑ **DC venue 22' ceilings**
- ☑ **Both venues large room with no bleachers**
- ☑ **Minimal inspection time – please self inspect ahead of time**

FRC Team update

Needs vs. Nice to Haves

Needs

- Batteries
- Battery chargers
- Table/work surface
- Robot cart
- Prepped replacements for as many parts that may fail as possible
- Tools for the items/fasteners on the robot

Nice to Haves

- Back up computer with drive station set up
- Back up controllers

Not This Year

- Pit decor/setup (pits will be smaller to allow for more space between teams)
- Every different type to tool your team owns

From Tess Kysel Chesapeake Chat last Thursday

FRC Team update

- ☑ **Volunteers will be kept to a minimum – 20 with several doing multiple roles**
- ☑ **Volunteer focus on technical team support (CSA, FTAA, Inspector help)**
- ☑ **Schedule is very tight, we will have a drivers meeting online Thursday at 7pm prior to the event and mini drivers meeting at the venue**
- ☑ **Judging will be remote and across both days of the parent event**

FRC Team update

Draft single day schedule for teams

Draft Competition Schedule

7:00AM	Pits and Venue Doors Open
7:00AM-8:00AM	Team Load-In (<i>with minimal needed pit equipment</i>)
8:00AM-9:30AM	Connection Test and Final Robot Inspection (<i>self-inspection week before event</i>)
9:00AM-9:30AM	Opening Ceremony and Drivers' Meeting
9:30AM-12:00PM	Qualification Matches
12:00PM-12:30PM	Lunch
12:30PM-3:00PM	Qualification Matches
3:00PM-3:15PM	Alliance Selections (<i>4 x 3 team alliances</i>)
3:15PM-4:45PM	Playoff Matches (<i>semis and finals</i>)
5:00PM-5:15PM	Awards Ceremony
5:00PM-6:00PM	Team Load Out
6:00PM	Pits and Venue Doors Close

Due to COVID-19, only designated team members and mentors are allowed on-site. No outside spectators allowed

FIRST Chesapeake FRC COVID Decision Matrix

Local Transmission Level	7-Day Incidence Rate per 100,000		7-Day Percent Positivity	Masking	Max Teams	Max per Team (Includes Mentors)	Max Volunteers	On Site	Judging	Matches	Spectators	Streaming
Low	< 10	AND	< 5%	Required	18	25	40	490	Remote	3 V 3	Teams only	Twitch
Moderate	10 - 49	OR	5% - 7.9%	Required	18	15	25	295	Remote	3 V 3	Teams only	Twitch
Substantial	50 - 99	OR	8% - 9.9%	Required	18	10	20	200	Remote	3 V 3	Teams only	Twitch
Very High	>= 100	OR	>= 10%	Required	12	7	15	99	Remote	3 V 3	Teams only	Twitch

Washington DC metro area
OVERALL COVID RISK

High

DAILY NEW CASES PER 100K **17.9** **High**

INFECTION RATE **1.11** **High**

POSITIVE TEST RATE **5.6%** **Medium**

ICU CAPACITY USED **67%** **Low**

VACCINATED (1+ DOSE) **76.6%**

CovidActNow.org

Last Updated 12/13/2021

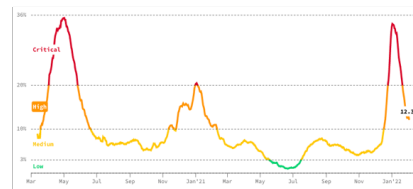
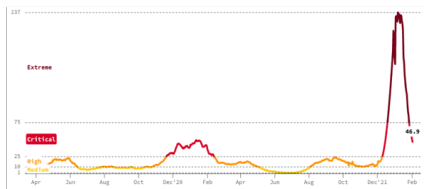
<https://events.firstchesapeake.org/>

- Schedules and match results
- Rankings and results during the events
- Online FIRST Chesapeake consent and release form
 - 1 required for EACH event a person that attends
 - Includes students, mentors and volunteers
 - Lead mentors will have access to the list of completed forms.

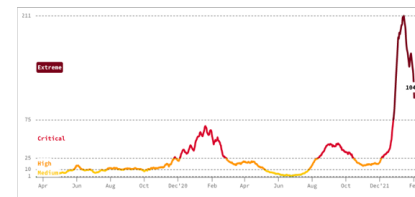
2022 District Events — Covid Numbers

Local Level of Transmission	7-Day Incidence Rate per 100k		7-Day Percent Positivity	Masking	Max Teams	Max per Team (includes mentors)
Low	< 10	AND	< 5%	Required	18	25
Moderate	10 - 49	OR	5% - 7.9%	Required	18	15
Substantial	50 - 99	OR	8% - 9.9%	Required	18	10
Very High	>= 100	OR	>= 10%	Required	12	7

Local Level of Transmission	7-Day Incidence Rate per 100k		7-Day Percent Positivity	Masking	Max Teams	Max per Team (includes mentors)
Low	< 10	AND	< 5%	Required	18	25
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Very High	>= 100	OR	>= 10%	Required	12	7



DC Numbers



VA Numbers



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FIRST
ROBOTICS
COMPETITION

FRC Team update

- ☑ **First Chesapeake District Championship sponsored by Newport News Shipbuilding April 6-9 at the Hampton Coliseum**
- ☑ **District Championship will be a single division 60 team event**
- ☑ **FIRST Chesapeake has 16 slots for Worlds**
- ☑ **Survey coming on interest in shipping robot to worlds direct from the event**

 **FIRST**
CHESAPEAKE
DISTRICT OF COLUMBIA • MARYLAND • VIRGINIA

FTC Team update

✓ **266 teams with 52 rookies**

✓ **Season Timeline**

- **We have completed 16 qualifier events / Combined FTC / FRC Championship**
- **First Chesapeake FTC District Championship sponsored by Newport News Shipbuilding April 8-9 at the Hampton Coliseum**
- **2 40 team Divisions Submarines on 4/8 and Carriers on 4/9**
- **Playoff on 4/9 for division winners to determine overall winners**
- **Division assignments made by next Monday**

Questions ?