

2023-24 Strategy Process

Pre-competition: Pre-scouting

- Each member of strategy will be assigned to 1-3 robots
 - Complete the guided analysis, and add notes about teams
 - Look at specific parts of design, possible autos, and teleop performance
 - Rate teams H, H-, M+, M, M-, L, B
- Lead Strategist and Stand Strategists will keep these notes in mind during competition
 - Lead Strategist will use these notes for Qualification Match strategy

Day 1: Practice Matches

- Available picklist members will watch teams playing in practice matches
 - Record data on overall capability
- Share with Lead Strategist for early Qualification Match strategy

Day 2: Qualification Matches

Competition Process

- Drive Coach and Lead Strategist develop match strategy in the pits
- In the comp_strategy channel, Lead Strategist will create separate threads for each qualification match 1678 plays with match number and team numbers
 - Stand Strategists + Stand Strategist Mentors will watch matches and thread important info about teams that should be considered by the Lead Strategist when planning match strategy
- Stand Strategists and Superscouts will use their separate apps
 - Superscouts use a tablet app, Stand Strategists use a laptop one
- Breaks are scheduled throughout the day
 - 5-way break schedule, detailed out between Lead Strategist, Stand Strategists, and Superscouts (likely done in comp_strategists)
- Citrus SEALS check if we can fork robots throughout the day, recording compatibility
- Video System Managers keep the video system running, exchanging batteries with the pit, storing videos, etc.

Night 2: Picklist Meeting

Picklist Meeting Code of Conduct

- Put phones away!
- Be on time
- Respect each other's time to speak by not interrupting
- Keep the discussion civil and voices down
- Respect the Discussion Leader's direction and guidance

Picklist Meeting Process

1. Picklist Editor brings up and projects the picklist
2. First-Pass DNPs
 - a. Stand Strategists share a list of **DNP teams**. In person, Picklist members examine that list and remove the teams that they all agree are DNP.
3. First Pick
 - a. Identify the attributes we are looking for in a first pick, and the attributes that are currently used in the first pick calculation. **No discussion about changing the calculation should ensue during this meeting.**
 - b. Propose all possible final ranking/picking scenarios: other team seeds first, first seed picks someone else, etc. Discuss picklist for all feasible possibilities.
 - c. Note Taker takes brief notes on why teams are placed where they are
4. Second Pick
 - a. Identify the attributes they are looking for in a second pick
 - b. Identify specific factors that drop teams from consideration regardless , e.g., wheels or drive type, incapable of climbing on ramp, known team issues.
 - c. Identify other teams to be dropped for specific known reasons
 - d. Sort list by "second pick ability". Discussion Leader leads **pairwise comparison**: comp strategy compares each team to the one above it, moving teams up accordingly. During this round, **comp strategy looks at their ability to play defense**. When needed, refer to graphs to find the matches a team plays defense in, and watch the match video.
 - e. Review Second Pick list, looking at **non-defense related data points** *Italicize teams that we need to take a closer look at during the following day*
 - f. Note Taker takes brief notes on why teams are placed where they are

Day 3: Qualification + Playoff Matches

Competition Process - Qualification Matches

- SEALS and SEALS mentors do last-minute evaluations on robots identified at the picklist meeting
- Lead Strategist talks to pre-identified teams about attributes we need data on
- Stand Strategists + Superscouts + Stand Strategist Mentors adjust picklist as they watch matches
 - No longer Superscouting (we will Superscout these matches afterwards to generate data for adjusting the 2nd pick ranking calculation)
- Picklist Members finalize first pick (if applicable and not decided at the picklist meeting)
- Reach out to first pick to review pick list and make any adjustments before alliance selection
- Give final picklist to Lead Strategist before going down to field for alliance selection

Competition Process - Elimination Matches

- Strategists make separate threads for each alliance after alliance selection with alliance numbers and team numbers
 - Strategists + Richard watch matches and thread important info about teams that should be considered by the Lead Strategist when planning match strategy.