

| Adopted March 2021. Supersedes all older Matrices and all other Safety Rules. | | | | | |
|---|--|---|---|--|-----------------------|
| 20 Person Dragonboat Paddling Zones SAFETY MATRIX | | | | | |
| | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone 5 |
| Water Flow | Below 35k cfs | 35-40k cfs | Below 40k cfs | 40-50k cfs Daylight Only | Above 50k cfs |
| Water temp | Above 60° | Above 60° | 50-60° | Above 40° | Below 40° |
| Boat Type | Dragonboat-20 | Dragonboat-20 | Dragonboat-20 | Dragonboat-20 | All Restricted |
| Rescue Boat / Launch to DB Ratio | Adult: Not Required Youth: Minimum of 1 rescue boat for every 2 DB's | Adult: Not Required Youth: Minimum of 1 rescue boat for every 2 DB's | Adult: Not Required Youth: Minimum of 1 rescue boat for every 2 DB's | One rescue boat for DB or 2 DB's each with 10 to 12 paddlers* | |
| Coach Certification | TRRA- equivalent certification | TRRA- equivalent certification | TRRA- equivalent certification | TRRA- equivalent certification | |
| PFD requirement for Paddlers | In boat or wearing for non-swimmers or non-TRRA members | In boat or wearing for non-swimmers or non-TRRA members | Vest type required to wear | Vest type required to wear | |
| Requirements for Helm, Drummer, and Launch drivers | Vest PFD must be worn at all times. Helm must be experienced or paracite under an experienced helm onboard | Vest PFD must be worn at all times. Helm must be experienced | Vest PFD must be worn at all times. Helm must be experienced | Vest PFD must be worn at all times Helm must have 3 years helm experience in similar conditions | |
| Communication Requirement | Protected cell phone recommended in each launch or each DB not accompanied by a launch | Protected cell phone required in each launch or each DB not accompanied by a launch | Protected cell phone required in each launch or each DB not accompanied by a launch | Protected cell phone required in each launch or each DB not accompanied by a launch | |
| Skill level of Paddlers | Any level | TRRA organized teams | TRRA organized teams | TRRA organized teams. Minimum of 10 paddlers | |

Notes:

1. All high school or middle school boats must be accompanied by a launch at all times and in all conditions

2. Safety items to be included in each launch under all conditions : one space blanket per rower or paddler, and bailer or pump. In rough water, one pump recommended in each DB

3. Additional requirements for Zone 4: as noted in the original Zones chart

4. A rescue boat may be another DB with a minimum of 10 paddlers When a DB is used as a Rescue Boat it is restricted to within 1 mile of the island