

Adopted March 2021. Supersedes all older Matrices and all other Safety Rules.				
10 Person Dragonboat Paddling Zones SAFETY MATRIX				
	Zone 1	Zone 2	Zone 3	Zone 4
Water Flow	Below 35K cfs	Below 35K cfs	35-40K cfs Daylight Only	Above 40K cfs
Water temp	Above 60°	Above 55°	Above 50°	Below 50°
Boat Type	Dragonboat-10	Dragonboat-10	Dragonboat-10	<b>All Restricted</b>
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. Recommended for 1st attempts and at lower water temperatures. Youth: Minimum of 1 rescue boat for every 2 DB's	
Coach Certification	TRRA- equivalent certification	TRRA- equivalent certification	TRRA- equivalent certification	
PFD requirement for Paddlers	In boat or wearing for non-swimmers or nonTRRA members	Vest type required to wear	Vest type required to wear	
Requirements for Helm, Drummer, and Launch Driver	PFD to be worn at all times Helm with 3 year experience on a DB-20	PFD to be worn at all times Helm with experienced on a DB-20	PFD to be worn at all times Helm with 3 year experience on a DB-20	
Communication Requirement	Protected cell phone and whistle required in each launch or each DB not accompanied by a launch	Protected cell phone and whistle required in each launch or each DB not accompanied by a launch	Protected cell phone and whistle required in each launch or each DB not accompanied by a launch	
Skill level of Paddlers	TRRA organized teams	Any level	TRRA organized teams	

Notes:  
1. all high school or middle school paddlers 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. Precaution should be taken in this Zone 3 as the flowrates are higher and the water temperatures are colder. Paddle with flat water and low or no wind present and with recreational traffic not causing wakes. Stay closer to the island where help may be more available. Consider a using launch especially as the water temperatures get below 55 F.  
This Zone requires an experienced helm and should have a Launch or a Rescue Boat on the initial attempts.

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.