- **Description:** Multiple UAVs are dispatched to search for victim in river **Primary Actor:** UAV, Drone Commander (DC) **Trigger:** The Drone Commander initiates the search
- Main Success Scenario:

 1. The Drone Commander issues a command to start the mission
- [rule PR-1: Preflight Data]2. The UAVs finished their preflight checks and is ready for takeoff [rule PR-2: Awaiting Takeoff]
 - [rule PR-3: Multi-UAV Synchronized Takeoff]
 4. The UAVs fly to their designated search area

3. The UAVs take off synchronously in a coordinated way

Use Case: River Search and Rescue

- [rule PR-4: Flying to Target Location]5. The UAV starts searching the area for a victim [rule PR-5: Searching for Victim]
- 6. When a potential victim is detected by a UAV, that UAV immediately switches to active tracking mode [rule PR-6: Active Tracking]
- 7. When emergency responders arrive, the drone commander orders the UAVs to return to their launch location [rule PR-7: Return to Base]