Set up and run a small search based on the information given on the following pages.

* The exercise is broken into sections. Ignore month/year dates, as they cannot be altered on the Communications Log.
* **Have the instructor check your work at the end of each timeframe**.
* Each timeframe has a series of tasks to be done. You can be creative if you wish, as long as the tasks are completed.
* The names given may be changed.
* If you are using the GIS map, additional map related tasks are in blue print and proceeded by a star (\*). **Ensure all grid references on the Communications Log show up on the m**ap.
* The Communications Log is also used as the Mission Log.
* The compass bearings shown given in the GIS module and referenced to True North. Subtract 2 degrees from them for Grid North.
* (Radio) indicates a radio transmission. Keep your radio transmissions as short as possible.
* Lat Long is in the format Ndd-mm.mm, Sddd-mm.mm.

**The Mission**

Two hikers are reported missing. The police obtain details about them and their plans. The River Bend SAR Team is tasked to find them. The Police have provided a description of the hikers, their clothing and equipment. The hikers were going to hike on the trails at Phinetta Lake Park. The River Bend SAR team requests assistance from the Wayfield SAR team. Two advance SAR teams travel to the search area and immediately finds the hikers vehicle parked in a clearing at the junction of two roads. SAR Command sets up a base area near this point. The incident Command Post quickly sets up and gets their computer network operating. The Incident Commander program is opened and a new mission started. We continue from there...

**Section 1 - 09:30 to 10:00**

Open IC Pro and start a new mission using the **Mission Quick Start Wizard**:

* **Mission #**: 8934
* **Reference File #**: 8934
* **Cross Reference #**: Police # 1448
* **Mission Name**: Missing Hikers – Phinetta Lake Park
* **Operational period**: 1 started at 06:30 today.
* **Check in the following members**: **(Logistics)**

Roy Hutchinson Incident Commander River Bend SAR

Corrie Simpson Operations/Plans Chief Wayfield SAR

Frank Ciacone Medical River Bend SAR

Elsa Alan Communications/Sign in River Bend SAR

Erica Goetz GIS Specialist Wayfield SAR

Ralf Fickel Team Leader River Bend SAR

Samantha Hopp Tracker 1 River Bend SAR

John Alexander Trainee River Bend SAR

Leyland Randolf GSTL/Tracker Wayfield SAR

Katrina Johnson Tracker 1 River Bend SAR

Tim Abel SAR Wayfield SAR

* **Prepare twoteam assignments**: **(Planning)**

**Initial task (the same for both teams)**

**Name**: Initial Response teams – search for missing hiker’s vehicle.

**Prepared by**: Corrie Simpson

**Access hrs**: 1

**Task hrs**: 2

**Call Sign: T1** (Team 1), the second task is for **T2** (Team 2).

**Assignment type**: Route Response

**Resource type**: Initial Response

**Start time**: 08:40 today

**Assignment details**: Travel to Phinetta Lake Park and search for a red Jeep Cherokee licence number 2322-BK. Team 1 leader is on-site commander until ICP is set up.

**Status**: Allocated

**Team 1 (3 members)**

Ralf Fickel Team Leader River Bend SAR

Samantha Hopp Tracker 1 River Bend SAR

John Alexander Trainee River Bend SAR

**Team 2: (3 members)**

Leyland Randolf GSTL/Tracker Wayfield SAR

Katrina Johnson Tracker 1 River Bend SAR

Tim Abel SAR Wayfield SAR

* Click Logistics – **ICS205 Communications Plan** and add Base, T1, T2 , T3 and Air7 if they are not listed. Or – use your Default Communications Plan if you have one.
* **Open the Communications Log and make the following Dialogue entries**: **(Communications)**

**09:38**: **Note**: ICP Location: GR 10 0676010 5705124. Also put it in the Location column.

**09:39**: **Note**: SUV Location: GR 10 0676125 5705080. Also put it in the Location column.

**09:40**: **Note**: Tracking dog team arrived at the SUV at 09:35

**09:45**: **(Radio)** Base to T1 - Check SUV for clues when tracking dog leaves

* **09:50**:Change the **ICS 204 Assignment Form and Debrief** form to change **Team** 1 and 2 **Resource types** to Trackers and enter the **Status changed** time.

**(Radio)** T1 to Base: Partial footprints found around the SUV, heading in the same direction as the search dog **(enter Clue 1)**.

* Open the GIS module and load **8934 Mission Map.tif** from C:\Map Files
* **09:52**: **(Radio)** Base to T2: Remain with T1 until further notice.

**Section 2 - 10:01 to 11:30**

**Record the following events:**

**10:35**: **(Radio)** T1 to Base: The tracking dog lost the scent trail at GR 10 0677060 5703908 **(enter Clue 2)**.

**10:42**: **(Radio)** T1 to Base: We have arrived at the point where the search dog lost the scent trail and both teams will continue down the road.

**11**:**10**: **(Radio)** T1 to Base: We have reached a road junction at GR 10 0677188 5703678. No tracks here, T1 will go right and T2 will take the road to the left.

**11:15**: **(Radio)** T2 to Base: We have footprints heading up a small stream from the road at GR 10 0677223 5703698 **(enter Clue 3).**

\*On the **GIS/Data Display/Team Tracker** menu, assign symbols to the teams to be tracked and check the “**show call signs**” box.

**11:20**: **(Radio)** The ICP (a little belatedly) – Base to T2: Follow the footprints.

**11:21**: The ICP decides to leapfrog Team 1 to a point upstream from Team2 and directs them to return to the road junction and await transport.

**11:21: (Radio)** Base to T1: Return to the road junction and wait for a pickup truck to transport you to GR 10 0677571 5704376, then proceed on foot to the stream fork at about GR 10 0677512 5704428 and search upstream.

\*Determine the grid bearing and distance the team has to walk from the drop off point to the stream. Record them below:

Grid Bearing: Distance:

**Section 3 - 11:31 to 12:11**

**11:40**: **(Radio)** T1 to Base: Our transport has arrived.

**11:45**: **(Radio)** Air7 to Base: Landing at your location in 2 minutes. (We now have a helicopter).

**11:55**: **(Radio)** T1 to Base: We have been dropped off at GR 10 0677571 5704376 and are Enroute to the stream.

**12:05**: **(Radio)** T1 to Base: We are at the stream fork, GR 10 0677512 5704428.

**12:10**: **(Radio)** T1 to Base: We are following tracks upstream **(Enter Clue 4)**.

**12:11**: **(Radio)** T1 to Base: The tracks go up the left fork of the stream at GR 10 0677561 5704432. **(Enter Clue 5).**

**Section 4 - 12:12 – 13:10**

**Commentary:** The Incident Commander decides to move Team 2 upstream above Team 1 by flying them by helicopter. Team 2 is to meet the helicopter in a clearing at GR 10 0677463 5704047 then fly to a clearing at GR 10 677608 5704860. They will then move on foot to the stream at GR 10 0677974 5704911, and search upstream.

**12:12: (Radio)** Base to T2: Move to a clearing at GR 10 0677463 5704047 and wait for Air 7 who will fly you to another clearing at GR 10 0677608 5704860. Proceed from there on foot to a stream at GR 10 0677974 5704911 then search upstream.

**12:35**: **(Radio)** T2 to Base: We are at the pickup point.

**12:40**: **(Radio)** Air7 to Base: Departing Base to pick up T2.

**12:46**: **(Radio)** Air7 to Base: Team 2 is in sight. I am landing to pick them up.

**13:01**: **(Radio)** Air7 to Base: On the ground at N51-27.584, W120-26.726

Convert Lat/Long to a UTM Grid Reference:

UTM Grid Reference: . .

**13:09**: **(Radio)** Air7 to Base: Dropped off Team 2 at N51-28.03, W120 26.58 and am returning to base.

Convert Lat/Long to a UTM Grid Reference:

UTM Grid Reference: . .

**Section 5 - 13:11 to 14:10**

**13:11**: **(Radio)** T2 to Base: Enroute to the stream.

**13:28**: **(Radio)** T2 to Base: We are at the stream (GR 10 0677969 5704910) and are moving upstream. No tracks seen yet.

**13:40**: **(Radio)** T2 to Base: Now at GR 10 0677907 5705002. No clues found.

**13:41**: **(Radio)** Base to T2: Turn around and search downstream until you meet Team 1.

**13:42**: **(Radio)** T1 to Base: At GR 10 0677839 5704487 and is still finding occasional tracks.

**14:10**: **(Radio)** T2 to Base: We have found tracks, an energy bar wrapper and the cap from a bottle of water at GR 10 0677995 5704772. It appears that several people stopped here for a while. **(Enter Clue 6)**.

**Section 6 - 14:11 to 14:33**

**14:15**: **(Radio)** T2 to Base: We are following tracks heading roughly South East from the stream.

**14:16**: The Incident Commander checks his map and sees that the tracks are leading toward another branch of the stream. He directs Team 1 to go to the fork for that branch.

**(Radio)** Base to T1: Travel on a bearing of 131 degrees grid for about 50 meters to another fork of the stream and search upstream on the left branch.

**14:24**: **(Radio)** T1 to Base: We have reached a very small stream at GR 10 0677891 5704472 and are moving upstream.

**14:30**: **(Radio)** T1 to Base: Tracks at GR 10 0678294 5704722, heading upstream **(Enter Clue 7)**.

**14:31**: **(Radio)** Base to T2: Your location? –

**14:32**: **(Radio)** T2 to Base: GR 10 0678232 5704747 and we are still following tracks.

**14:32**: **(Radio)** T2 to Base: We can hear Team 1 and are moving towards them.

**(**They meet almost immediately.)

**14:33**: **(Radio)** T2 to Base: We have reached Team 1. At GR 10 0678320 5704729.

**(Radio)** Base to T1: Both teams are to follow the tracks.

**Section 7 - 14:34 to 15:07**

**14:40**: Five additional searchers have arrived at the ICP. The Incident Commander decides to helicopter them to a location near T1 and T2 to assist in the search. The helicopter pilot is to locate Teams 1 and 2, and then drop T3 in a nearby clearing. Further directions will be given at that time.

**14:40**: Sign in the following members and assign them to Team 3:

Giles Leroy Team Leader River Bend SAR

Ernie Sanderson SAR Wayfield SAR

Regis Alforde SAR River Bend SAR

Martha Stonehill Trainee River Bend SAR

Sara Lowe Trainee River Bend SAR

**(Radio)** Base to T1: Both teams remain where you are. Team 3 with 5 members is being flown to a location near you. What is your location? – GR 10 0678366 5704756.

**14:55**: **(Radio)** Air7 to Base: We are airborne with 5 passengers on board.

**15:01**: **(Radio)** Air7 to Base: We see smoke North East of his location and will investigate.

**15:03**: **(Radio)** Air7 to Base: We have a campfire and two male persons in a small clearing at N51-27.89, W120-25.79. One of them appears to be injured. **(Enter Clue 8).**

Convert Lat/Long to a UTM Grid Reference:

UTM Grid Reference: . .

**15:03 (Radio)** Base to Air 7: Land near the clearing and send Team 3 to investigate.

**15:07**: **(Radio)** Air7 to Base: I have landed in a clearing at N51-27.89 W120-25.73.

Convert Lat/Long to a UTM Grid Reference:

UTM Grid Reference: . .

**Section 8 - 15:08 to 15:29**

**15:08**: **(Radio)** Base to Team 3: Travel 70 Meters on a bearing of 192 degrees Grid to reach the campfire.

Note: The “**Draw Bearing on Map**” feature sometimes gives an erroneous bearing.

**15:12: (Radio)** T3 to Base: We are at the camp and confirm these are the lost hikers. William Clifford has a broken ankle, several small cuts and bruises caused by a fall in rough terrain. Ray Lowe is in good health. We are preparing Clifford for transport back to the helicopter.

**15:14**: **(Radio)** Base to T1: Travel to the campfire at GR 10 0678526 5704632.

**15:15**: **(Note)** Frank Ciacone (Medical) calls River Bend Ambulance Dispatch and requests an ambulance at the ICP.

**Section 9 - 15:30 18:15**

**15:30**: **(Radio)** T1 to Base: Teams 1 and 2 are at the campfire.

**16:02**: **(Radio)** T3 to Base: William Clifford is on a stretcher and ready for transport. Ray Lowe is able to walk. We are taking them to the helicopter, for transport to the ICP. Teams 1 and 2 are remaining behind to clean up the campsite. They will then move to the helicopter LZ for pickup.

**16:33**: **(Radio)** Air7 to Base: Airborne for the ICP with Team 3 and two subjects on board.

**16:45**: **(Radio)** Air7 to Base: arrives at the ICP.

**17:08**: **(Comment)** Air 7 returns to pick up teams 1 and 2, arriving back at the ICP an 17:08.

**Conclusion:**

The subjects were interviewed prior to their departure. SAR members were then debriefed, the ICP packed up and all members return home.