

PROBABILITY OF AREA CONSENSUS WORKSHEET INSTRUCTIONS

Purpose. The Probability of Area Consensus Worksheet is used to help calculate which segments should be searched first and in what order resources should be assigned.

First box:

Mission Number. Enter the assigned SAR mission number.

Operational Period. Enter the current Operational Period number.

Date. Enter the current date (month, day and year as xx/xx/xx).

Time. Enter the time this worksheet was first started (military time as xxxx).

Second Box:

Probability Estimate Scale uses numbers from 1 through 9 to help approximately calculate the likelihood of a subject being in a particular search segment, 9 being the most likely, 1 being the least likely.

Third Box:

Each **Evaluator** must be listed in the first column. Evaluators can be members of the ICS team, technical advisors or other resource team members.

Each **Segment** should receive a letter designation corresponding to the segmentation of each area that can be searched in one operational period. ROW refers to the "rest of the world" or outside the search area. The Planning Section Chief (Plans) shall make the segmented incident map available to the Evaluators.

Using the Probability Estimate Scale, each evaluator independently and without other evaluator's input, shall assign a relative value of 1 to 9 for each designated search segment, derived from information received about the missing person, lost persons behavior statistics, the particulars of the incident and the quality of the environment. All evaluators' ratings for each segment are then transferred to the form.

AA: All numbers are added per segment, per column (i.e. values 6 + 5 + 4 for segment A = 15 total for segment A).

BB: All totals AA for each segment are added together (i.e. Segment A: 15, + Segment B: 27, + Segment C: 3 = 45 total).

POA %: The total value assigned to each segment AA is then divided by the total of all segments BB (i.e. Segment A: $15 / 45 = 0.33$ or 33%; Segment B: $27 / 45 = 0.60$ or 60%; Segment C: $3 / 45 = 0.07$ or 7%).

These values are representative of the combined evaluators' sense of Probability of Area (POA) and indicate which segments should be searched first and in what order resources should be assigned.

Fourth Box:

Prepared by: The person originally preparing the POA Consensus Worksheet and/or Plans shall enter his/her name and ICS title if any.

Reviewed by: Plans or the Incident Commander shall enter his/her name and ICS title after reviewing the worksheet.