This was an early attempt to use commenting software with the original desktop-publishing file. It was a failure, but the comments may be of some value. --KC

# Cover Sheet

Subject: ASRC Training Standards Revision Proposal

Date: FEBRUARY 13, 1988

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### Line 1

Please skip all this formatting information. Put a comment here near the top of the document with your name, so we may connect it with the user number that appears on each of your comments. Thanks! Also: this file is in Nota Bene 3.0/Xywrite III+ format, so that we may easily run off a new version with the sections automatically renumbered to reflect any changes. If all these .C1/ numbering counters are confusing, refer to the file STDS0188.TXT, also in the same ARChive in which you found this file; it contains a straight-ASCII form of the standards proposal. STDS0188.CMT is an ASCII file with all of Keith's original comments and suggested revisions. ----KC (2-13-98)

### Line 2

I've filled in a lot of off-the-comments, some of which are probably abrasive or downright obnoxious... I apologize. I think that Chris Ingle has identified a lot of things that need to change, but the proposal, as it now stands, is a first draft that could do with lots more discussion and revision. ---KC (2-21-88)

## Line 16

Our Training Standards should meet several main goals: 1. The relationship and hierarchy of membership and other training levels should be clearly stated at the outset. (Does one go from Applicant > Trainee > Associate > Basic > Mission Staff > Incident Commander?)

2 - 21 - 88

17 .USL1/.C1/. APPLICANT MEMBERSHIP: 18 . MDMM/ 19 .USL2/.C2/. Purpose: to participate in Group training sessions. 20 21 .USL2/.C2/. General: 22 23!!.USL3/.C3/. The applicant must 231 submit a completed ASRC Application to a Group 23//Training Officer (GTO). 25 2611.USL3/.C3/. 26: Applicant Membership shall be valid for no more than

2. A rationale for each membership level should state the specific functions and tasks the member is expected to perform (e.g. an Applicant should be able to participate safely in training and have enough time and interest to make a useful contribution). 3. The standards should serve several purposes: a. provide the reader with an estimate of the overall competence of ASRC members of a given level; b. provide the prospective member with an extimate of the training needed to meet the standards; and c. provide the Training Officer with sufficiently specific standards to make testing and certification of members as objective as possible. For some standards, the subjective impressions of a trusted member or members must be used in lieu of objective testing. (E.g. overall outdoor competence, ability to work with others, and good judgment.) That is why a trusted member is selected as Training Officer and why members must receive a favorable vote of Group members. However, we should strive to provide as many subjects with objective standards as possible. And, for subject's where we must rely on a subjective

judgement by a Training Officer and Group members, we must provide them as much guidance as possible.

---KC (2-13-88)

## Line 23

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[\*] .USL3/.C3/. The applicant must complete an ASRC Application for membership, and submit it to a Group Training Officer (GTO). --ORIG (2-13-88)

Line 26

[\*] .USL3/.C3/. The time limit for Applicant Membership shall be less than six months. --ORIG (2-13-88)

Page 2

26 Isix months. 29 29 .USL1/.C1/. TRAINEE MEMBERSHIP: .IP11,11/ 30 .MDNM/ 31//Purpose: to be capable of serving as a field team member on 31 (routine ASRC wilderness search and rescue operations. 32 33 \_USL2/\_C2/. General: To become a trainee, the applicant must: 34 35 .USL3/.C3/. be an Applicant Member 3611.USL37.C37. participate in four ASRC or 361 Group training sessions. 3811.USL3/.C3/. meet the technical standards listed below, as 38: certified by the GTO; 3911.USL3/.C3/. possess all

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Line 31

[\*3 Purpose: to be capable of serving as a trainedfield team member. --ORIG (2-13-88)

Line 36

[\*3 .USL3/.C3/. participate satisfactorily in four training sessions, as judged by the GTO --ORIG (2-13-88)

(REMOVED) --KC (2-13-88)

.USL3/.C3/. participate satisfactor/ly/in four <u>ASRC or Group</u> 'training sessions, <u>with performance at or above the level appropriate</u> for a new Trainee, as judged by the GTO<u>.</u> --KC (2-13-88)

I'm not sure what "satisfactory" means in this context, and since the training sessions could be on just about any subject, I'm not sure how any Training Officer would even begin to evaluate an Applicant's performance. More important qualities are the Applicant's ability to work with others and to show good judgment, and perhaps most important, simply showing enough interest to show up at four training sessions. --KC (2-13-88)

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Line 38

[\*].USL3/.C3/. meet technical standards listed below, as judged by GTO --ORIG (2-13-88)

2-21-88

3911 personal gear for Trainee Members as specified in the ASRC Operations 39! (Manual. 40(1.USL3/.C3/. in accordance with the procedures specified in the 40: ASRC Bylaws, be proposed for Trainee membership with the 40 lendorsement of the STO, and receive a favorable vote at a Group 401 business meeting. 43 "IP11.11/ 44 ; ; 44:: 44: (The ASRC Bylaws restrict Trainee membership to one year, with 44 (extensions granted in only exceptional circumstances.) 46 47 .USL2/.C2/. Technical Standards: Survival and Wilderness Travel 48 4911.USL3/.C3/. The Applicant must convince the GTO of 4911 competence to travel safely in mid-Atlantic wilderness areas,

## Line 39

[\*] .USL3/.C3/. possess all gear required, as set by the ASRC --ORIG (2-13-88)

Line 40

[\*] .USL3/.C3/. be proposed for Trainee membership by GTO at a Group business meeting and receive a favorable vote in accordance with ASRC Bylaws. --ORIG (2-13-88)

Line 44

[\*] Trainee membership expires in one calendar year unless extended according to the ASRC Bylaws. --ORIG (2-13-88)

### Line 49

[\*].USL3/.C3/. Applicant exhibits ability and knowledge to travel safely in the wilderness, as determined by the GTO. --ORIG (2-13-88)

This is very vague. Our standards must be ones that a Training Officer may apply in judging applicants for membership. They should be as concrete as possible. --KC (2-13-88)

Page 4

2-21-88

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49 lincluding good judgment as to when conditions are no longer 49/lisafe for the member to continue. 51 5211.USL3/.C3/. The applicant must be able to answer basic 52//questions about: 53 .USL4/.C4/. short-term survival priorities 54 .USL4/.C4/. the heat balance of the body 55!!.USL4/.C4/. physical modes of heat loss and ways to 5511counter them 56 .USL4/.C4/. the physiology of heat loss, including exhaustion and 57 fatigue 58 .USL4/.C4/. hypothermia and frostbite 5911.USL4/.C4/. heat exhaustion, heat cramps, and heatstroke 5911 60/1.USL4/.C4/. general survival principles 61 .USL4/.C4/. the STOP mnemonic. 62 63 .USL2/.C2/. Technical Standards: Search 64 65 .UGL3/.C3/. The applicant must be able to: 66 \*.USL4/.C4/. demonstrate clue-consciousness

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## Line 52

[\*].USL3/.C3/. The applicant must understand: --ORIG (2-13-88)

### <u>Line 55</u>

[\*] .USL4/.C4/. heat loss and ways to prevent it --ORIG (2-13-88)

### Line 59

[\*] .USL4/.C4/. heat exhaustion, heat cramps, heatstroke and exhaustion --ORIG (2-13-88)

(REMOVED) ---KC (2-21-88)

### Line 60

[#] .USL4/.C4/. general survival techniques --ORIG (2-13-88)

## Line 66

Too vague. We must specify something that gives a clear picture of

Page 5

67 .USL4/.C4/. function as a member of a grid team, sweep team, and hasty team, and understand his/her role in each 68 69 .USL4/.C4/. accompany a dog handler on simple search tasks 70 \*.USL4/.C4/. work well with people 71 .USL4/.C4/. operate and set up any Group-owned hand-held radio 72 \*.USL4/.C4/. utilise the ASRC grid .USL4/.C4/. serve as a litter team member on a non-technical evacuation 73 74 \*.USL4/.C4/. responsibly and effectively handle the media in the capacity 75 of a field team member. 76 77 \*.USL1/.C1/. ASSOCIATE MEMBERSHIP: MDNM/ 78

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the level of understanding required, and can reasonably be tested. --KC (2-13-88)

### Line 70

I agree that members must be able to work well with other people, but how does simply listing it here (a) help the prospective member train, or (B) tell the Training Officer how to judge whether a prospective member works well enough with others to pass?

--KC (2-21-88)

## Line 72

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This needs to be stated in a more explicitly objective way, so that it may be tested. --KC (2-21-88)

#### Line 74

This will be very difficult to test. Why don't we opt for something that can be evaluated more easily: demonstrate understanding of the principles of dealing with the media and familiarity with the ASRC Operations Manual policies in this regard? --KC (2-21-88)

## Line 77

The proposed Associate standards are similar in many ways to the current Basic standards, and in my comments, I will make direct comparisons to the current standards. --KC (2-21-88)

Page 6

79 \*.USL2/.C2/. Purpose: to be capable of serving as a Field Team Leader. 80 81 .USL2/.C2/. General: To become an Associate Member a person must: .USL3/.C3/. be a Trainee Member 82 .USL3/.C3/. complete 10 ASRC or Group training sessions as a Trainee, 83 84 including 2 on search and 2 on rescue 85 .USL3/.C3/. respond to 2 incidents per year 86 .USL3/.C3/. meet the technical standards listed below, as judged by GTO 87 \*.USL3/.C3/. possess all gear required, as set by the ASRC .USL3/.C3/. be proposed for Associate membership by GTO at a Group 88 89 business meeting and receive a favorable vote in accordance with ASRC 90 Bylaws. 91 92 \*.USL2/.C2/. Associate Members must complete annual continuing education 93 requirements, and maintain skills proficiency, as determined by the 94 ASRC. 95 96 \*, USL2/, C2/. Technical Standards: Survival and Wilderness Travel

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## Line 79

As a Field Team leader on what? An urban search, or the JungFr'u North Face? Leadership and team management are the same for either, but the technical skills are not.
--KC (2-21-88)

### Line 87

See comment under previous equipment section for this and the next line. --KC (2-21-88)

## Line 92

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"... as determined by the ASRC"? THIS is where we are supposed to determine and establish the standards for the continuing education requirements!" --KC (2-21-88)

#### Line 96

This is simply items 1-4 and 7, 9, and 10 from the current Basic Standards. Why choose these particular ones for Associate Members and not the others? Should we require such an in-depth knowledge of survival concepts, yet not include the current Basic standards for outdoor equipment (5 & 6), cross-country travel (8), and improvised evacuations (15)? If we require Associate Members to possess a valid ASRC Basic Wilderness First Aid card, then I agree with deleting the

Page 7

97 .USL3/.C3/. Convincingly explain the important psychological aspects of 98 99survival, including: 100.USL4/.C4/. reactions to fear, pain, discomfort, and danger, and their 101 effects on the mind and body 102 .USL4/.C4/. the dangers of panic; and techniques for preventing panic .USL4/.C4/. evaluating and acknowledging the limits of oneself and 103 104others 105 .USL4/.C4/. the way artificial goals may interfere with rational 106judaement .USL4/.C4/. the concept of one's pack and equipment as a life support 107 103system. 109 110.USL3/.C3/. Briefly describe the following physiological concepts 111 pertinent to survival: 112 .USL4/.C4/. homeostasis 113 .USL4/.C4/. energy level and exhaustion 114 .USL4/.C4/, fatigue .USL4/.C4/. daily caloric (food) and water needs of the human body 115 116 .USL4/.C4/. the relative energy content and availability of fat. 117 protein, starch, and sugar, including the effects of different levels of 118 exertion and seasonal differences .USL4/.C4/. conditioning for search and rescue, including conditioning 119 120for strength, flexibility, and endurance. 121122 .USL3/.C3/. Explain the "energy budget" concept of body temperature 123 homeostasis, including the following key points: 124 .USL4/.C4/. the routes of heat loss, and their relative importance: 125 .USL5/.C5/ temperature (conduction and radiation) 126.USL5/.C5/ windchill (convection) 127"UGLS/.C5/ wetchill (conduction and evaporation) 128... USL4/.C4/. the use of emergy stores to produce heat, and the metabolic 129costs of shivering .USL4/.C4/. vasodilation, sweating, and behavior as means of increasing 130 131 heat loss, and the long-term consequences of them 132 .USL4/.C4/. vesoconstriction and behavior as means of conserving heat 133 .USL4/.C4/. the effects of tobacco and alcohol on normal heat 134 homeostasis

first aid /medical sections of the current Basic standards for Associates (11-14). However, if we do so, we must put the standards for such a First Aid class into the Training Standards. To do otherwise is a cop-out and leaves us with an Associate standard that is useless until we establish the First Aid standards. --KC (2-21-88)

Page 8

135 .USL4/.C4/. theparticular danger of "hypothermia weather" that is, 136 temperatures near freezing with wind and rain. 137 138 .USL3/.C3/. Explain the major points of wilderness clothing selection. 139 including: .USL4/.C4/, listing the "3 W's" of clothing priority for wet cold 140141 climates, and explaining their importance. They are: 142 .USLS/.CS/ wind protection. 143 .USL5/.C5/ waterproof clothing .USL5/.C5/ wool (or other warm-when-wet) clothing 144 145 "USL4/.C4/, the advantages, disadvantages, and appropriate uses of 146 waterproof shell garments, and the water penetration resistance of: 147 urethane-coated nylon, "60/40 cloth", "65/35 cloth", and Gore-tex 148 "USL4/"C4/. cold-weather dressing concepts, including: the layer 149 principle, ventilation, "dressing cold", and the dangers associated with 150 overheating in the winter 151".USL4/.C4/. description of clothing materials, including cotton, down, 152 wool, and synthetic fibers, in terms of dry warmth, wet warmth, wind 153 protection, absorption and retention of water, and wicking of water. 154 155 .USL3/.C3/. Briefly describe pertinent local weather patterns, including 156 the signs of arriving cyclonic winter storms, cold fronts, warm fronts, 157 and local storms. 158 159 .USL3/.C3/. Bivouac overnight with normal field pack gear in summer. 160 spring or fall, and carry out incident tasks for a full day following. 161 162 .USL3/.C3/. Build a functional emergency overnight shelter from local 16311materials, and build a fire using field pack gear. 16313 163: |Technical Standards: 1631 Land Navigation 165 \* 166 :USL3/.C3/. Given a standard 7.5 minute U.S. Beological Survey (USGS) 167 topographic quadrangle map, correctly identify the following: 168 .USL4/.C4/. grades of highways, roads, trails, and bridges

Line 163

benes beine merne genery merge young passes pillen derme until netber ritten table visite forme derm

E\*3 materials, and build a fire using field pack gear.Technical Standards: Land Navigation --ORIG (2-13-88)

#### Line 165

This is the current Basic Land Navigation standards with the addition of photocopying ASRC grid overlays onto maps, and of night navigation. --KC (2-21-88)

Page 9

.USL47.C47. power and other landmark lines 169 170 .USL4/.C4/. buildings, schools, churches, and cemeteries 171 .USL4/.C4/. storage tanks, wells, mines, caves, picnic areas, and 172 campsites 173 , USL4/.C4/. benchmarks (control stations) and spot elevations 174 .USL4/.C4/. boundaries and fence lines 175.USL4/.C4/. contour lines, depressions, cuts, and fills 176.USL4/.C4/. perennial and intermittent streams, falls, springs, and 177 marshes 178 .USL4/.C4/. valleys, ridges, peaks, sags (saddles, cols) 179 .USL4/.C4/. elevations and general land contours. 180 181 .USL3/.C3/. Given a photocopy 7.5 minute series topographic map section 182 with an ASRC grid overprint, the original 7.5 minute quadrangle map, and a Uniform Map System (UMS) gridded aeronautical chart of the area, 183 184 identify points via: 185 .USL4/.C4/. latitude and longitude 186 .USL4/.C4/. the ASRC grid system .USL4/.C4/. the Uniform Map System 187 .USL4/.C4/. an azimuth and distance off a VOR 188 18711.USL4/.C4/. the Universal Transverse Mercator (UTM) grid system. 190 191 .USL3/.C3/. Demonstrate northing techniques by: 192 .USL4/.C4/. pointing out the North Star 193 \*.USL4/.C4/. using the "sun and stick" method. 194 .USL3/.C3/. Briefly explain and give examples of the use of the 195 196 following land navigation concepts: .USL4/.C4/. catching features 197 .USL4/.C4/. "collecting" features .USL4/.C4/. attack points 198 199 200 .USL4/.C4/. aiming off

Line 189

[\*] .USL4/.C4/. Universal Transverse Mercator (UTM) . --ORIG (2-13-88)

Line 193

The current version of this standard does not require the use of the sun and stick method, but merely asks members to explain use of the sun's shadow. I don't think I've ever used the stick and shadow method except for demonstrations, but I often look at the sun's position or shadows on the ground to estimate direction. I like the original wording better, but I agree that the two items should be combined.

Page 10

201 .USL4/.C4/. coarse and fine orienteering. 202 203 .USL3/.C3/. Biven only a 7.5 minute topographic quadrangle or an 204orienteering map with an attack point and a target plotted on it, and a 205 standard orienteering compass, reliably and accurately: 206 .USL4/.C4/. calculate the true bearing from the attack point to the 207 target .USL4/.C4/. calculate and set on the compass the magnetic bearing to the 208 209 target 210.USL4/.C4/. follow the bearing accurately, including triangulating and 211 boxing around obstacles. 212 213 -. USL3/.C3/. Correctly locate a position on a topographic map given: 214-.USL4/.C4/. the bearings to two landmarks indicated on the map 215 (resection) .USL4/.C4/. the bearing to one landmark indicated on the map, and the 216 217 information that the position is on a specified linear feature (modified 218 resection). 219\_\_USL3/.C3/. Given bearings from two locations to a target, correctly 220 221 locate it on a topographic map (triangulation). 222 Consistently complete basic-level point-to-point 22311.USL3/.C3/. 223 (orienteering courses both in daylight and at night. 224 225 \*.USL3/.C3/. Demonstrate the ability to navigate at night. 225 227 \*.USL3/.C3/. Demonstrate proficiency in photocopying gridoverlays onto 229 maps. 229

### Line 223

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[\*] .USL3/.C3/. Consistently complete point-to-point orienteering courses. --ORIG (2-13-88)

## Line 225

This is an appropriate addition to the standards, but it should be more specific. See my suggested revision, above. --KC (2-21-88)

### Line 227

I agree that this is an important addition, but can we find a better way to word it? Training Officers would probably prefer something that suggests a test question or station. --KC (2-21-88)

Page 11

230 \*.USL2/.C2/. Technical Standards: Search 231 232 .USL3/.C3/. Briefly explain the following search concepts: 233 .USL4/.C4/. passive and active search methods .USL4/.C4/. clue finders and subject finders 234 235 .USL4/.C4/. containment 236 .USL4/.C4/. binary search and cutting for sign 237 JUSL4/.04/. the hasty search 238 .USL4/.C4/. the "bastard search" 239 \*.USL4/.C4/. sweep search 240 .USL4/.C4/. survey search 241.USL4/.C4/. grid search .USL4/.C4/. attraction. 242 243 244 \*.USL3/.C3/. Know and understand the ASRC Operations Manual. 245 246 .USL3/.C3/. Lead a Field Team competently on: 247 \_USL4/.04/. scratch, survey, perimeter cut, sweep, and saturation search 248 tasks .USL4/.C4/. interrogation and visual search tasks. 249250 251 \*.UGL3/.C3/. Demonstrate ability to properly brief and debrief a field

## Line 230

This section consists of items 1, 6, and 7 of the current Basic standards, with addition of man-tracking as a skill standard. Current items 2-5 have been subsumed under "know and understand the ASRC Operations Manual" (a cop-but, in my somewhat haughty opinion) and questions of authority and responsibility and authority, and of legal aspects, have been deleted. --KC (2-21-88)

### Line 239

This adds a few search task types to this item in the current Basic standard. (2-21-88) ---KC

## Line 244

"Know and Understand The U.S. Constitution." (I'm being facetious.) Why not "Be an all-around good guy and know lots about search and rescue"? Should members be able to recite the Ops Manual, just like several BRMRGers were reciting Beowulf at a recent ASRC Board meeting? Let's be specific. (2 - 21 - 68)

Page 12

252team, 253 254 .USL3/.C3/. Reliably use VHF-FM mobile and handheld radios to 255 communicate incident information including: 256 JUSL4/.C4/. adjustment of channel, volume. squelch, and PL (CTCSS) 257 controls 258 JUSL4/.C4/. using the ASRC radio SOP, including proper station 257 identification and observance of FCC regulations, proper use of 260 prowords, and use of the ICAO (ITU) phonetic alphabet 261 .USL4/.C4/. describing various techniques for improving marginal 252communications encountered while using VHF-FM handheld radios. 263 26411.USL3/.C3/. Demonstrate the ability to reliably track a person for 264 (Itwenty feet over various terrain types, and explain the following 264 ||step-by-step mantracking concepts: 266 "USL4/"C4/, tracking sticks .USL4/.C4/. the effects of the sun and how to use them 267 268 \_USL4/.C4/. how to identify shoe type and provide measurements 269 JUSL4/.C4/. how to find stride length and width. 270271 \* USL2/.C2/. Technical Standards: Rescue

Line 251

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This is an appropriate addition to the current Basic standards; perhaps we should add "in accordance with procedures specified in the Ops Manual"? --KC (2-21-88)

### Line 264

[\*] .USL3/.C3/. Demonstrate thé ability to track a person for twenty feet over various terrain types, with knowledge of: --ORIG (2-13-88)

This is an excellent addition! And, it is appropriately specific. I made a few minor suggestions for revision. --KC (2-21-88)

### Line 271

This proposed standard requires Associate members to be able to tie some knots, run a non-technical evacuation, and help carry a litter during a semi-tech evacuation, but nothing more. --KC (2-21-88)

Page 13

272 273.USL3/.C3/. Correctly coach and supervise an untrained litter team in a non-technical evacuation including toe- nailing, laddering, and rotation 274275 of litter bearers. 276 277 \*. USL3/. C3/. Be a litter team member on a semi-technical evacuation. 278 279 \*.USL3/.C3/. Correctly tie, contour, and back up the following: 280 .USL4/.C4/. the ASRC seat harness .USL4/.C4/. figure-of-eight on a bight 281 282 .USL4/.C4/. bowline knot 283 .USL4/.C4/. square knot .USL4/.C4/. barrel knot and bend 284 285 .USL4/.C4/. girth hitch 286 .USL4/.C4/. taut-line hitch 287 .USL4/.C4/. figure-of-eight follow-through. 288 289 .USL3/.C3/. Demonstrate or describe the following: 290 .USL4/.C4/. ground-to-air panel and hand signals 291.USL4/.C4/. air-to-ground aircraft signals .USL4/.C4/. helicopter landing zone preparation and marking 292 293 .USL4/.C4/. rules for approaching helicopters. 294 295 .USL2/.C2/. Technical Standard: Emergency Medicine 296 297 \*. USL3/. C3/. Complete an ASRC "Fundamentals of Wilderness First Aid" 278 course.

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# Line 277

This compares with the current Basic standards that requires the ability to tie a patient into a litter, belay, set simple anchors, brake litters and serve as members of the litter's belay team, and rappel.

--KC (2-21-88)

### Line 279

In comparison for the knots now required of Basic members, this deletes the Prusik knot, Headden knot, and clove hitch. It adds the girth hitch, taut-line hitch, and figure eight bend ("follow-through"). --KC (2-21-88)

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#### Line 297

OK. I can't vote in favor of this as a standard until I see the standards for completing such a course. They should appear here. --KC (2-21-88)

299 300 .USL37.C37. Possess a valid American National Red Cross or American 301 Heart Association 2-rescuer Basic Cardiac Life Support (Cardio-Pulmonary 302 Resuscitation) card. 303 304 .USL1/.C1/. CERTIFIED MEMBERSHIP: 305 30611.USL2/.C2/. Purpose: to be capable of serving in any capacity on 30611an incident, except as IC or Rescue Specialist. 307 308 309 .USL2/.C2/. General: To become a Certified Member a person must: 310 .USL4/.C4/. be an Associate Member  $\mathbb{S}11$ .USL4/.C4/. complete 10 ASRC or Group training sessions as an Associate, including 2 on search and 2 on rescue 312 313 \*.USL4/.C4/. respond to 2 incidents per year 314 .USL4/.C4/. meet the technical standards listed below, as judged by GTO 315 JUSL4/.C4/. possess all gear required, as set by the ASRC 316 .USL4/.C4/. be proposed for Certified membership by GTO at a Group 317 business meeting, and receive a favorable vote in accordance with ASRC 318 Bylaws. 319 320 .USL2/.C2/. Certified members must complete annual continuing education 321 \*requirements, and maintain skills proficiency, as determined by the 322 ASRC. 323 324 \*.USL2/.C2/. Technical Standards: Survival and Wilderness Travel

<u>Line 306</u>

. Lediğ düncu kafak uktiyo danın yadığı vüliği dinatı veşin öttiğu unun yakıp seliği yışımı ermik komp kover ermi

E\*3 .USL2/.C2/. Purpose: to be/capable of serving in any capacity onan --ORIG (2-13-88)

## Line 313

Does this mean that the applicant must have been on two incidents as an Associate before applying for Certified Membership? --KC (2-21-88)

### Line 321

Cut the "as determined by the ASRC"! --KC (2-21-88)

## Line 324

This is simply all of the current Basic standards that are not already covered in the proposed Associate standards. --KC (2-21-38)

Page 15

325 326 .USL3/.C3/. Distinguish equipment suitable for wilderness search and 327 rescue, including boots, packs, sleeping bags and pads, and stoves, 328 329 .USL3/.C3/. List the basic characteristics (voltage, life, weight, cost. 330 temperature characteristics, and dangers) of carbon-zinc, alkaline, 331 lithium, and nickel-cadmium cells. 332 .USL3/.C3/. Travel cross-country competently in a middle-Appalachian 334 wilderness area during any time of the year, including: 335 .USL4/.C4/. large stream crossings 336 .USL4/.C4/. fourth class rock climbing 337 .USL4/.C4/. proper pace and rest stop use. 338 339 .USL3/.C3/. Bivouac overnight with normal field pack gear in winter and 340 carry out incident tasks for the following full day. 341 342 .USL3/.C3/. Describe the means of transmission, preventive measures, and 343 appropriate measures in suspected or possible exposure, if any, for the 344 following diseases: 345 .USL4/.C4/. Rocky Mountain Spotted Fever .USL4/.C4/. Tetanus 346 347 .USL4/.C4/. Rabies 348 .USL4/.C4/. enteritis and diarrhea (viral, bacterial, or protozoal) .USL4/.C4/. chiggers, ticks, and mites 349 350 .USL4/.C4/. Lyme disease. 351 352 .USL3/.C3/. Briefly describe the causes, prevention, diagnosis, and 353 wilderness treatment for the following: 354 .USL4/.C4/. muscle cramps 355 .USL4/.C4/. friction blisters .USL4/.C4/. tendonitis; 356 ",USL4/,C4/, localized infection, including ingrown nails and abscesses 357 .USL4/.C4/. contact dermatitis (e.g. poison ivy) 358 .USL4/.C4/. poisonous bites and stings, pit viper bites, spider bites, 359 360 and bee stings .USL4/.C4/. allergic and anaphylactic reactions 361 .USL4/.C4/. animal and human bites 362 363 .USL4/.C4/. fever .USL4/.C4/. snowblindness 364 .USL4/.C4/. hypothermia (acute, subacute, and chronic) 345 .USL4/.C4/. heat cramps, heat exhaustion. heatstroke, and dehydration. 366 367 .USL3/.C3/. Briefly describe how one should treat the following medical 368 problems in a wilderness setting: 369 .USL4/.C4/. subungual hematomas 370 .USL4/.C4/. nosebleed 371 .USL4/.C4/, ear infection 372

373 .USL4/.C4/. conjunctivitis, a foreign body in the eye, and eye abrasions 374 .UGL4/.C4/. burns and frostbite 375 .USL4/.C4/. minor and major soft tissue injuries 376 .USL4/.C4/. sprains, strains, and dislocations .USL4/.C4/. closed fractures, including improvised splinting 377 378 .USL4/.C4/. open fractures 379 .USL4/.C4/. shock 380 .USL4/.C4/. gastroenteritis, diarrhea, and vomiting .USL4/.C4/. attached ticks and embedded chiggers. 381 382 383 .USL3/.C3/. Present important factors involved in the decision to: 384 .USL4/.C4/. administer oral fluid and electrolyte replacement 385 .USL4/.C4/. wait for an evacuation team versus beginning an evacuation 386 with improvised methods. 397 .USL3/.C3/. Properly use the following improvised evacuation methods: 388 .USL4/.C4/. 2-person linked-arms "chair" carry 389 .USL4/.C4/. 2-person packstrap-and-pole carry 390 391 .USL4/.C4/. both split coil and sling "piggyback" carries 392 .USL4/.C4/. improvised stretchers, rope stretcher, rope and pole 393 stretcher, parka and pole stretcher, and blanket and pole stretcher. 394 395 .UGL2/.C2/. Technical Standards: Land Navigation 396 397 \*.USL3/.C3/. Consistently complete point-to-point orienteering courses of at least a 6-hour duration. at night. 398 399 400 .USL2/.C2/. Technical Standards: Search 401 402 \*, USL3/.C3/. Have met all requirements to be an ASRC Incident Staff 403 member. 404

Line 397

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> The only difference between this and the proposed Associate standard is that the Certified member has to spend 6 hours doing the night navigation. Wouldn't doing it more accurately, or in LESS time, be a higher and better standard? I don't think this adds anything to the proposed Associate standard. --KC (2-21-88)

Line 402

"All Certified Members are Incident Staff qualified." "Some Associates are Incident Staff qualified." "All Incident Staff members are Associate Members or Certified members." Who shaves the barber? --KC (2-21-88)

Page 17

405;;,USL3/.C3/. Explain the use and operation of . 405Hradic direction-finding instruments for 406 locating downed aircraft. 407 408 \*.USL3/.C3/. Be able to set up commonly-used ASRC radio equipment, 409 including: 410 .USL4/.C4/. mobile and base radios 411 .USL4/.C4/. antennas and masts 412 .USL4/.C4/. power supplies 413 .USL4/.C4/. linear amplifiers. 414 415 \*.USL3/.C3/. Outline the delegation of authority and responsibility for 416 search and rescue in states where ASRC Groups are located. 417 418 .USL3/.C3/. Briefly explain how the following legal concepts apply to 419 search and rescue operations: 420 JUSL4/.C4/. Good Samaritan laws .USL4/.C4/. civil suits and criminal actions 421 422 .USL4/.C4/, standards of care 423 \_USL4/.C4/. the right to emergency assistance and duties to provide 424 emergency assistance 425 .USL4/.C4/. abandonment 426 .USL4/.C4/. implied consent 427 .USL4/.C4/. entry, during incidents, upon private property posted "No

Line 405

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[\*] .USL3/.C3/. Explain the use and operation of DF-ing instruments for --ORIG (2-13-88)

Line 408 .

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This sounds very BRMRG-ish. Some Groups do not have this equipment, nor are they required to have it. Including it in the standards seems discriminatory, unless you (a) require all Groups to have masts, power supplies, and linear amplifiers, and (b) you're willing to buy them for us! --KC (2-21-88)

Shouldn't this (and the next two items) be moved to Incident Staff? Otherwise, Associates could be Incident Staff qualified without knowing any of these things. --KC (2-21-88)

Line 415

Good! --KC (2-21-88)

2-21-88

428 Trespassing" 429 .USL4/.C4/. crime scene protection 430 .USL4/.C4/. declaration of death and confirmation of death .USL4/.C4/. confidentiality. 431 432 433 .USL2/.C2/. Technical Standards: Rescue 434 435 .USL3/.C3/. Correctly tie, contour, and back up the following: 436 .USL4/.C4/. water knot (overhand bend, ring bend) 437 \*.USL4/.C4/. Prussik knot 438 .USL4/.C4/. Headden knot 439 .USL4/.C4/. clove hitch 440 \*.USL4/.C4/. load-releasing hitch 441 .USL4/.C4/. cross-chest harness 442 443 .USL3/.C3/. Demonstrate the following rope handling techniques: 444 .USL4/.C4/. coiling and uncoiling a mountaineer's coil 445 .USL4/.C4/. coiling and uncoiling a inverted-loop coil. 446 \_USL4/.C4/. stacking and inspecting the rope 447 .USL4/.C4/. rigging to an anchor using: 448 JUSL5/.C5/ a bowline 449 .USL5/.C5/ a tree wrap and tie-off 450 .USL5/.C5/ loop webbing slings <sup>-</sup> 451 .USL4/.C4/. casting, padding, and rigging static lines. 452 453 .USL3/.C3/. Belay competently, including: 454 \_USL4/\_C4/. proper anchorage, tie-in, stance, and aim for hip belays 455 .USL4/.C4/. correct calls, up rope, slack, and fall-catching 456 \*.USL4/.C4/. prussik belays. 457

## Line 437

PRUSIK "Prusik". Named after Herr Doktor Professor Karl Wilhelm Presig of Innsbr£ck, who invented and named it. --KC (2-21-88)

## Line 440

This is an addition to the current Basic standards, as is the crossed-chest harness. --KC (2-21-88)

## Line 456

See above: "Prusik." Please explain exactly what you mean by a Prusik belay. --KC (2-21-88)

Page 19

458 .USL3/.C3/. Demonstrate competence in braking litters with tree wrap 459 belays and with figure-eight descenders. 460 461 \*.USL3/.C3/. Serve competently in all positions on a semi-technical 462 evacuation team, including: 46311.USL4/.C4/. serving as rope team member with tree wrap brakes and 463 | with 464 figure eight descender brakes 46511.USL4/.C4/. rigging and directing a brute-force hauling system and 465//z-haul 466 system, with and without directional pulleys 467 .USL4/.C4/. serving as rope team member with either hauling system 468 .USL4/.C4/. serving as litter captain .USL4/.C4/. selecting a suitable anchor point. 469 470 471 .USL3/.C3/. Properly load and tie a patient into a Stokes litter, and 472 rig it for semi-technical evacuations. 473 474 \*.USL3/.C3/. Demonstrate competence in route selection for a 475 semi-technical evacuation. 476 477 \*.USL3/.C3/. Rappel properly with:

annad harand annan hanna annan agaa agaal annar maris madan aslam handa danun manek manan pisan annan manan agaan agaan. Ag

## Line 461

This adds the Z-haul and selecting anchors to the current Basic standard. I approve. However, if we require Certified Members to use a Z-haul, I think a separate standard item on setup and use of hauling systems is in order. --KC (2-21-88)

## Line 463

[\*] .USL4/.C4/. serving as rope team member with tree wrap brakes andwith --ORIG (2-13-88)

Line 465

[\*] .USL4/.C4/. rigging and directing a brute-force hauling system andz-haul --ORIG (2-13-88)

#### Line 474

This is an addition to the current Basic standards, and an excellent one. Can we make it more concrete? As it stands now, it's just good rhetoric. --KC (2-21-88)

2-21-88

478 .USL4/.C4/. the arm rappel (French arm rappel, back rappel) 479 .USL4/.C4/. a figure eight descender (single and double wrap) 480 .USL4/.C4/. a Munter (Italian) Hitch 481 "USL4/.C4/. a long rappel rack. 482 483 \*.USL3/.C3/. Switch from rappel to ascend, and back to rappel. 484 485: .USL3/.C3/. Demonstrate the ability to ascend static lines safely 485! land efficiently with simple equipment, including 48511.USL4/.C4/Assembling a safe two- or three- knot ascending system from 485/lwebbing and carabiners and Prusik loops 48511.USL4/.C4/Ascending a sixty-foot free static line with the system 485::.USL4/.C4/Switching from rappel to ascend and ascend to rappel in the 485; [middle of the rope, and 48511.USL4/.C4/Ascending past a breakover (edge). 48511 48511 48511

Line 477

Compared with the current Basic standards, this eliminates the dulfersitz and carabiner wrap rappels, and adds the M£nter hitch rappel. I agree with switching from carabiner wrap rappel to M£nter hitch rappel as an "escape" technique, but think the dulfersitz should still be included as an escape technique that requires nothing but a rope and thick skin. --KC (2-21-98)

Line 483

Yes! I've been a proponent of this for years. Perhaps add "on a free rappel." If we're going to add ascending to the Basic Certification standards, I think we need a bit more on ascending (see revision). --KC (2-21-88)

## Line 485

[\*] .USL3/.C3/. Ascend sixty feet using only prussik knots. --ORIG (2-13-88)

> PRUSIK, DAMMIT! (This is a production of the University of Virginia and Johns Hopkins?) Can we use a seat harness, too? --KC (2-21-88)

Page 21

496 487 \*.USL3/.C3/. Demonstrate the knowledge of, and ability to care 488: properly for, ropes and technical rescue equipment. .USL2/.C2/. Technical Standard: Emergency Medicine.IP11,11/ 490 491 492 \*Same as those for Associate Membership 493 494 .USL1/.C1/. INCIDENT STAFF: 495 .USL2/.C2/. General: to become an Incident Staff member a person must: 496 497 .USL3/.C3/. be an Associate Member 498 \*.USL3/.C3/. successfully complete a "Managing the Search Function" 499 course, or its equivalent 500 \*. USL3/. C3/. have a working knowledge of the ICS concepts presented in an

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# Line 437

OK, time for me to pick on me instead of someone else. I wrote most of the current standards (back in the late Middle Ages) and this one

is unacceptably vague. Suggestions, anyone? à. ---KC (2-21-88)

#### Line 488

[\*] properlyfor, ropes and technical rescue equipment. ---ORIG (2-13-88)

## Line 492

OK, same argument time... should Basic Certified Members be required to be EMT's? And, while we're at it, note that the new standards would allow most ASRC members to hold nothing except for a CPR card (of questionable use in the wilderenss) and an ASRC medical card only. Right now, Basics must have Advanced First Aid or First Responder cards. What do the rest of you think about this? --KC (2-21-88)

### Line 498

If we're going to refer to such outside certification, we should state cutright what is equivalent to a MSF course, or who decides if something is equivalent. I favor specifying NASAR MSF, CEMART/ERI MSF, or National SAR School. (2-21-38)--KC

## Line 500

Unless we have internal arrangements to make this available to all

Page 22

501 I-220 course. 502 \*.USL3/.C3/. demonstrate the ability to produce legible color- enhanced 503 copies of gridded maps. 504 .USL3/.C3/. be able to assemble and operate communications equipment 505 owned by any Group 506 .USL3/.C3/. serve as a Field Team Leader on at least 3 incidents .USL3/.C3/. serve as a member of General Staff on one incident 507 508 .USL3/.C3/. be proposed for Incident Staff membership by GTO to the ASRC 509 Board of Directors, and receive a simple majority of favorable votes. 510 511 \*.USL2/.C2/. Incident Staff members must complete annual continuing education requirements, and maintain skills proficiency, as determined 512 513 by the ASRC. 514 515 .USL1/.C1/. INCIDENT COMMANDER: 516 517 .USL2/.C2/. General: To become an Incident Commander a person must: 518 \_USL3/.C3/. be an Incident Staff member for a minimum of 6 months 519.USL3/.C3incidents/. have worked as an Incident Staff member on three 520 incidents, including: 521 .USL4/.C4/. once as Planning Section Chief 522 .USL4/.C4/. once as Operations Section Chief or Division Supervisor 523 .USL3/.C3/. be proposed for Incident Command membership, by an ASRC 524 Incident Comander, to the ASRC Board of Directors. 525 .USL3/.C3/. receive a written performance evaluation from the Incident 526 Commander on each of the three incidents in item .REFincidents/., above 527 .USL3/.C3/. receive a favorable vote from the members in that person's 528 Group who have Conference voting rights 529 .USL3/.C3/. receive a favorable vote by two-thirds of the entire ASRC

interested members, as we do for MSF courses, we should spell out the specific ICS standards here. --KC (2-21-88)

## Line 502

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I understand what you mean, but others may not. --KC (2-21-88)

## Line 511

GAK! "as determined by the ASRC" is what this set of standards is all about! Specify the ConEd requirements here. --KC (2-21-88)

530 Board of Directors. 531 532 .USL2/.C2/. Incident Commanders must complete annual continuing 533 \*education requirements, and maintain skills proficiency, as determined 534 by the ASRC. They must also pass an annual review by the entire ASRC 535 Board of Directors. 536

1

Line 533

AAARGH! --KC (2-21-88)

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