The MRA Executive Board meeting was opened by President Walt Walker at 7:00 p.m.

1. Judy Beehler reported $7956.69 in the First Rate Account and $2084.50 in the Checking Account. Itemized sheets of the financial report were passed out.

2. Jim Lundy handed out a financial report on Small Stores. There is $594.41 in the account. The new 1987 order blanks have been received and are attached to these minutes. Thirty-five orders have been processed since the November meeting, and there is approximately an $8000 value in the inventory. There was a discussion on Associate patches; the consensus was that we provide name tags and the Associate triangular patch. Jim inquired as to any problems with stocking copies of the NASAR books; it was felt that it would be all right. There was also an inquiry into stocking clothing; consensus was that Small Stores could be a clearinghouse for places to buy equipment and clothing.

3. REGION REPORTS:

Rocky Mountain (Dick Arnold): They have had three certifications; have had to retest. They are informing the groups being tested what they expect before the testing so there won’t be any surprises. A packet is being sent to the team being tested prior to the testing, identifying the areas that will be tested. Drew Davis has been elected Vice-Chairman.

Washington (Roger Beckett): The rescue scene has been slow to this date. Washington Mountain Rescue Association was asked in February to assist in deciding if Mt. St. Helens
should be reopened to climbing, and what criteria should be used. The state MR teams can obtain State DES numbers to do practice climbs. It was decided that a limit be set of 100 per day, 30 of those being on a show-up first come basis. The main difficulties seen are climbers falling through the cornices at the crater rim, which undoubtedly then will become a body recovery. Mike Norman is applying to the FCC for a WMRA license for 155.160 and 155.205, excluding base stations.

**California (Tim Fives):** California is working on upgrading first aid skills. A discussion was held concerning paid volunteers and how this conforms to our by-laws (Joshua Tree National Monument). A policy decision needs to be made whether they can become a certified ex-officio. The consensus was that this should be encouraged.

**Arizona (Marvin Stafford):** Marvin discussed recertification in Arizona. He also discussed AMC, and that it is an active team.

**Appalachian (Todd L’Herrou):** Todd discussed the upcoming November MRA meeting in the D.C.-Baltimore area.

3. Hunter Holloway discussed the last NASAR Conference, and said he was most impressed with it. MRA had an exhibit there. Dick Arnold proposed that MRA take part in the Salt Lake City NASAR meeting in May.

Walt Walker adjourned the meeting at 8:45 p.m.

Respectfully submitted,

Judy Beckler

Judy M. Beehler
Meeting called to order by Walt Walker, President

Moment of silence for recent deaths of mountain rescue members:
1. Ed Helein
2. Dan Daugherty
3. David Probst
4. Ray Neil

Moved and seconded to accept minutes of the November 21, 1986 meeting.

Judy Beehler gave the financial statement (see attached).
Money market - $6,386.25

Correspondence - Larry Novak reelected - requests MRA brochures.

Region Reports:

Arizona
- 104 total calls
- Recertified teams
- Agreed that AMC is operating viable team

California
- Mutual aid operations up in activity
- Mark Bennett representing OES
- Upgrading medical qualifications to EMT 1
- Adopted ICS
- Team at Joshua Tree National Monument applying for ex-officio certified status - China Lake sponsor
- Upcoming - June's first weekend 1988 a regional seminar at Camp Sugar Pine
- Dick Sale - report of equipment being used. Copy to be included

Canada
- No report

Idaho
- Low activity

Oregon
- New Oregon Mountain Rescue Council formed
- Statewide requirements
- Expanded on current classifications

Rocky Mountain Region
- Mission load up 10% throughout region
- Request for use of logo on Avi safety program by Alliance Films
- Upgrading certification standards - 2 teams retesting, 1 team failed
National MRA Meeting
June 21, 1987
Page Two

Rocky Mountain Region - Request for computer input to Arnold/Davis
Continued
- Personnel standards draft being prepared
- North American Technical Symposium, November 6, 7, 8 - see Drew Davis
- Rod Willard - informal testing. Hand out

Washington
- Looking into regional FCC license
- Activity picking up
- 2 climbers on Rainer, cause of death carbon monoxide poisoning
- State Department working on opening of Mt. St. Helens, region very instrumental!
- Looking into software standards: UIAA approved equipment - still unclear how those standards were adopted

Eastern Region
- Not much contact with all teams in region. Planning on going to team status in fall rather than conference
- 73 lost persons incidents
- Receiving calls from Pennsylvania, West Virginia, North Carolina
- Hosting a slide show at fall business meeting in Washington DC on November 13-15, 1987
- Report on State Department to form regional response team for international rescues & incidents
  Made up of three components:
  1. Management
  2. Heavy Rescue
  3. Dogs

Alaska
- Member applicant killed on Mt. Hunter
- 5 deaths in Alaska range

Committee Reports:

Legal
- No formal report
- MRA logo is registered as a Federal trademark, improper use to be reported to Paul Williams

Membership
- Eugene, Deschests, Oregon
- Provo, Orem, Utah
- Tahoe Nordic, California
- Bandicalj New Mexico
- More communications to Regions on inquiries

Communications
- Many new procedures and fees - contact Mike Norman
- Handouts available:
  ELT's - thoughts of changing frequencies. Pulse timing a question that needs to be addressed. DF requires a longer signal thus should be gotten to proper people to help make an impact.
Old Business
Continued:

Newsletter
- Felt that it is needed - discussions

Standards
- Dick Arnold introduces Rod Willard. Report passed out and short presentation. Remember, more input is needed - this is only a beginning. 4:1 factor applies only to cable! MRA does not have a standard safety factor at this time.
- Discussion on helmets by Sierra Madre, UIAA standards are questioned

Personnel

New Business:

Fall, 1987
Washington DC

Spring, 1988 meeting
3rd weekend June, 1988
6/17, 18, 19th

Fall, 1988
Larimer County SAR

Spring, 1989

MRA Brochure
- Proposal passed out. Discussion of how teams to be tested in Eastern Region. Basically each team needs to be tested in certain areas. Representative slides from each team requested. Expect cold, wet, cloudy weather! Be prepared!

MRA Logo
- Information gathering stage

Fall, 1988
Larimer County SAR

Spring, 1989

MRA Brochure
- Single fold brochure available from California with insert team card. Purpose was gone over

Paul Williams
- Training in US/USSR, 25 day trip estimated at $3,000 as joint training session under National MRA Training. Passed!
- Moved and seconded that Oregon Mountain Rescue Council be recognized as region and that each team become a member of MRA as their team meets criteria. Passed!
- Use of logo by Oregon MRC on correspondence NO PATCHES were proposed by OMRC. OK'd by Walt.
Communications
Continued

- Handouts available:
  - Signal Communications from Oregon Report. Looking into a device that you would activate and transmit a signal. But with keeping in mind that climbers are responsible and would need to report the incident before action to track down victim begins. 2 frequencies: 1 for general public
  1 for rescuers
  - Manufacturer needs to be held harmless. Belt - $150 range, receiver $2,000 range
  - LULU - limited use locator unit
  - Possible field demo at meeting at Timberline Lodge, Oregon

Medical

- No report

Safety

- No films rented in over 1 year. Request that any contacts be referred to Marilyn Black

NASAR

- Hunter liason but not present
- Arnold Gaffrey reports on May, 1987 meeting
- Approved method of accepting standards
- Wilderness Medical Program
- Next meeting Alpine Rescue at Salt Lake City, lots of participation requested
- Educational programs are available - full time paid person
- MSF rewritten and now available
- Wes Reynolds: NASAR approves use of personal ELT's Discussion followed on monitoring, because of false alarms, burnout is major concern
*Note: No stand has been taken by MRA on personal ELT usage. Please remember this when talking or making statements to other agencies

Government Liason

- No report

Long Range

- Paul Williams
  How do we contact field worker that there is an MRA?
  Where are we going?
  Newsletter brought up again - discussion on Response being format to get our news out. Joining NASAR is required and the money was questioned again. Copies are available.

Break at 1100 - Reconvened

Old Business:

Paul Williams

- Video tapes are available! Interested teams orders to small stores. September 1st is teams get together 15 total price drops to $45
New Business
Continued:

ASTM Meeting
July 30-31, Philadelphia
-We need a rep there. Eastern Region will most likely represent along with other teams. Great opportunity for helping point ASTM in proper direction.
-CSR has become a member of ASTM
-1973 was our first contact with ASTM. MRA did approve contact Phil Omholtz for details.
-Suggested a committee be formed

Small Stores
-New price list and needs information of discounts being extended to teams
-Honorable mention to Jim for tremendous job he's done

Membership
-California OES as ex-officio member - passed!
-Judy requests a current call out list and current officers

Elections Opened
-President - Walt Walker was reelected unanimously!
-V. Pres. - Hunter Holloway was reelected unanimously
-Secretary - Drew Davis elected unanimously!

Announcements
-San Diego has copies of joint operation guidelines

Meeting adjourned at 1230
ATTENDEES-MRA
JUNE 19-21,1987

WES REYNOLDS 4317 SANTA MONICA AVE, SAN DIEGO, CA 92107; SAN DIEGO MRT
JOHN WEHRING 4980 PACIFICA DR, SAN DIEGO, CA 92109; SAN DIEGO MRT
DON STARKE 2630 E-23 TORREY PINES RD, LA JOLLA, CA 92037; SAN DIEGO MRT
JUDI STARKE 2630 E-23 TORREY PINES RD, LA JOLLA, CA 92037; SAN DIEGO MRT
MARY SILBERMAN 8835 CORVUS PLACE, SAN DIEGO, CA 92126; SAN DIEGO MRT
LIZ PAYNE 566 DOROTHY ST, EL CAJON, CA 92019; SAN DIEGO MRT

ROD WILLARD PO BOX 95, MANITOU SPR, CO 80829; EL PASO SAR
TED SIMMONS 729 MORRELL DR NE, ALBUQUERQUE, NM; ALBUQ MR
BOB WATSON PO BOX 437, CEDAR CREST, NM 87008; ALBUQ MR
LEWIS DAHM 3470 W 95TH AVE, WESTMINSTER, CO 80030; ROCKY MTN RESCUE GROUP

DICK ARNOLD BOX 1439, ASPEN, CO 81611; CHAIRMAN, ROCKY MTN REGION
BILL DAVIS PO BOX 117, NORTH BEND, WA 98045; SEATTLE MRC
DAN AGUILAR 4630 VAIL RACQUET CLUB, VAIL, CO 81657, VAIL MRT
BOB ROCKWELL 607 RANDALL ST, RDGECREST, CA 93555, CHINA LAKE MRT
DAVE THORSON PO BOX 1877, BRECKENRIDGE, CO 80424;SUMMIT CO RESCUE GROUP

BETTY MARTINSEN 171 BRIGIT RD, SELAH, WA 98942; CWMR
DREW DAVIS 1129 S. BRYAN AVE, FT COLLINS, CO 80521;
LARIMER CO SAR

STEVE REESE PO BOX 673, ZILLAH, WA 98953; CWMR
GLENN BRAND 104 COUNTY RD 114, IDAHO SPGS, CO 80452;
ALPINE

TODD L’HERROU 918 W CLAY ST, RICHMUND, VA 23220; ASRC
JIM LUNDY PO BOX 248, COLO SPGS, CO 80901; EL PASO CTY SAR
PHIL LUETHY 1530 CARR ST, LAKewood, CO 80215; ALPINE
RUSS ANDERSON 324 FOOTHILL AVE, SIERRA MADRE, CA 91024;
SIERRA MADRE SAR

JON INSKEEF 5224 BUBBLING WELL LN, LA CANADA, CA 91011
GAIL TULK 307 E HILLCREST BLVD, MONROVIA, CA 91016
CRAIG MINOR 2750 PATTIGLEN, LAVERNE, CA 91750; SMSR
ROBERT NOBLES 821 WILLCOX #244, MONTEBELLO, CA 90640; SMSR
FRANCES WALKER 5643 E 5 ST, TUCSON, AZ 85711; SARA
AL RADYS PO BOX 4271, PORTLAND, OR 97208; PORTLAND MR
BARRY WRIGHT 14750 SE VISTA LN, MILWAUKIE, OR 97267;
PORTLAND MR

ROB JACKSON 49010 SE MIDDLEFORK RD, NORTH BEND, WA 98045;
SEATTLE MRC
C. WESMAN 4154 N RIO CONCION #24, TUCSON, AZ 85718; SARA
DAVID BROWN 1207 E HEDRICK DR, TUCSON, AZ 85719; SARA
RICHARD KUNZ 1329 S MARC DR #1065, TUCSON, AZ 85710; SARA
Mountain Rescue Association Stores  
P.O. Box 171  
Colorado Springs, CO 80901-0171  

1987 ORDER FORM  

<table>
<thead>
<tr>
<th>NAME BADGES:</th>
<th>Price each</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic, 2 pin backed (white letters on blue)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two line badge</td>
<td>Your Rescue Team Name</td>
<td>$5.00</td>
<td></td>
</tr>
<tr>
<td>Three line badge</td>
<td>Your Rescue Team Name Your City, State</td>
<td>$6.00</td>
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</tr>
<tr>
<td>Cloth, sew-on (white letters on blue)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Multiples of 2 tags per name)</td>
<td>$2.00</td>
<td></td>
<td></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>MRA EMBLEMS:</th>
<th>Price each</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rescue transfer</td>
<td>1 1/4 inch</td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Rescue transfer</td>
<td>3 inch</td>
<td>$0.20</td>
<td></td>
</tr>
<tr>
<td>Support transfer</td>
<td>2 1/4 inch</td>
<td>$0.20</td>
<td></td>
</tr>
<tr>
<td>Rescue Scotchlite</td>
<td>1 1/4 inch</td>
<td>$0.75</td>
<td></td>
</tr>
<tr>
<td>Rescue Scotchlite</td>
<td>3 inch</td>
<td>$1.00</td>
<td></td>
</tr>
<tr>
<td>Rescue Scotchlite</td>
<td>8 inch</td>
<td>$6.50</td>
<td></td>
</tr>
<tr>
<td>Rescue Scotchlite</td>
<td>11 inch</td>
<td>$8.00</td>
<td></td>
</tr>
<tr>
<td>Magnetic backing</td>
<td>12&quot;x24&quot; per linear foot</td>
<td>$6.00</td>
<td></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Patches</th>
<th>Price each</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rescue (for cap)</td>
<td>2 1/4 inch</td>
<td>$0.75</td>
<td></td>
</tr>
<tr>
<td>Rescue (for uniform)</td>
<td>2 3/4 inch</td>
<td>$0.75</td>
<td></td>
</tr>
<tr>
<td>Support (for uniform)</td>
<td>2 1/4 inch</td>
<td>$0.75</td>
<td></td>
</tr>
<tr>
<td>Associate</td>
<td>3 inch triangular</td>
<td>$0.75</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MRA Lapel Pins</th>
<th>Price each</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$4.00</td>
<td></td>
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</tbody>
</table>

| MRA Bumper Sticker, paper | "Support Vol. Rescue" | $0.10 | | |
| MRA Bumper Sticker, Scotchlite "Support Vol. Rescue" | $3.00 | | |

| MRA Stationary printed with unit name and address | | | |
|------|----------|------|
| Letterhead | 500 sheets | $30.00 | |
| | 1000 sheets | $40.00 | |
| Envelopes | 500 count | $60.00 | |
| | 1000 count | $70.00 | |

(Note: We cannot ship stationary to a P.O. Box, please specify address for shipment)  

Total Of Order | $ | | |
Total Book Order | $ | | |
Grand Total | $ | | |

Person(s) receiving above requested supplies are in fact qualified as MRA Rescue or Support member(s).  

Supply Officer | Unit Name | Date |
<table>
<thead>
<tr>
<th>Title</th>
<th>Author/Publisher</th>
<th>Pages</th>
<th>Format</th>
<th>Price</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wilderness Search and Rescue</td>
<td>Setnicka</td>
<td>640</td>
<td>Cloth</td>
<td>$15.95</td>
<td>Vivid case studies demonstrate the basic skills and techniques that form the core of any search or rescue operation: search strategy and management, wilderness medicine, climbing equipment and techniques, avalanches, crevasses, rivers, and mountain walls. Internationally recognized as the standard work on the subject.</td>
</tr>
<tr>
<td>Mountaineering, The Freedom of the Hills</td>
<td>Peters ed.</td>
<td>560</td>
<td>Cloth</td>
<td>$13.60</td>
<td>One of the most complete, up-to-date book in existence on how to climb: ropes, knots, belaying, rappelling; rock, snow, ice climbing; wilderness navigation.</td>
</tr>
<tr>
<td>Uniform Map System of MRA</td>
<td></td>
<td></td>
<td>Paper</td>
<td>$2.40</td>
<td>A discussion and orientation to the AFRCC Grid System of map organization.</td>
</tr>
<tr>
<td>Mountain Search and Rescue Techniques</td>
<td>May</td>
<td>301</td>
<td>Paper</td>
<td>$4.50</td>
<td>Emphasizes current rescue and evacuation techniques and covers practical mountain search methods. Aspects of general mountaineering and first aid crucial to mountain rescue are also discussed. Search strategy and other leadership subjects are presented in condensed form, so the searcher or rescuer will understand the overall considerations of forming his individual instructions. Excellent book for use as a training manual by SAR units.</td>
</tr>
<tr>
<td>Mountain Search for the Lost Victim</td>
<td>Kelley</td>
<td>283</td>
<td>Paper</td>
<td>$8.40</td>
<td>This is the how-to book on mountain and wilderness search for a missing person. It is written for SAR teams, law enforcement and government agencies, and the student of search theory. It covers when to start, when to stop, how many searchers, and how to search.</td>
</tr>
<tr>
<td>Search is an Emergency, field handbook</td>
<td>ERI</td>
<td>92</td>
<td>Paper</td>
<td>$4.20</td>
<td>An excellent field and pocket guide to organization, management, operation of search functions.</td>
</tr>
<tr>
<td>Rescue Leadership</td>
<td>Williams</td>
<td>77</td>
<td>Paper</td>
<td>$2.25</td>
<td>Represents rescue procedures and concepts developed over many years by the author. Presentations of jurisdictional procedures and psychology of rescue leadership is frank and sometimes provoking to those who fail to see the importance of working together under existing rescue authority framework. This book is a must for every rescue member who intends to fill the position of an Operations Leader.</td>
</tr>
<tr>
<td>NAS Lemoore SAR Standard Operating Procedures</td>
<td>USN</td>
<td>58</td>
<td>Paper</td>
<td>$9.60</td>
<td>Training and procedures guide for units using helicopters in SAR operations in high altitude and mountainous terrain.</td>
</tr>
</tbody>
</table>
Helicopter Operations and Personnel Safety
ERI, 71 pp. Paper
Condensed training manual covering: safety, landing zones, evacuations, crash procedures, night landings, patient care. Includes descriptions and special procedures for military aircraft.

River Rescue
Bechdel, Ray, 234 pp. Paper
Describes the latest advances in river rescue strategy and equipment – entrapments and extrications; boat based, rope, vertical rescues; self-rescue; and patient care and evacuation.

Medicine For Mountaineering
Fully updated for latest techniques, medications for traumatic, environmental, high-altitude injuries, illnesses. Compiled by climber-physicians; goes well beyond first aid.

Mountaineering Medicine
Darvill M.D., 48 pp. Paper

Mountain High, Mountain Rescue
Parr, 192 pp. Cloth
Annals of the rescue career of one of El Paso County SAR’s most illustrious members: an old mountain woman named Peggy Parr. Her crisp and detailed accounts make this a valued addition to any personal library.

The Avalanche Book
Armstrong, Williams, 230 pp. Cloth
This is the definitive work on snow avalanches, that haunt our mountains and threaten those whose work, recreation, and travel place them in harm’s way. Explains both the scientific reasons and social impact of avalanches in North America.

ABC Of Avalanche Safety
LaChapelle, 112 pp. Paper
Excellent pocket guide on basics of avalanches: determining potential, traveling in avalanche terrain, reactions if caught in avalanche, search, rescue.

Snowshoeing
Prater, 176 pp. Paper
How to choose, use, and maintain snowshoes: techniques for all terrain, snow conditions, from flat to mountainous, from soggy to icy.

Mt. Ritter Slide Series
MRA, 26 Slides
Slides and description of the Mt. Ritter rescue of a party afflicted with hypothermia. Includes a report by the accident investigation committee.

Tracking Slide Series
China Lake Rescue Group, 48 Slides
Slides and description of tracking and tracking techniques.

Total Book Order =
A number of changes in the processing of radio licenses have been made by the FCC during the past year. The primary changes are as follows:

1. With few exceptions (such as renewals without change, transfer of authorization) the FCC will not accept Special Emergency applications directly from the applicant. These must be filed through a frequency coordinating organization.

2. Commercial organizations have been issued contracts from the FCC to provide frequency coordination and application screening services. Our Special Emergency licenses must be coordinated through NABER who will distribute the application to other involved coordination organizations.

3. These frequency coordination organizations are authorized to charge the applicant fees for their services. These must be paid before the license application is processed and forwarded to the FCC. Frequency coordination is required for the addition of any frequencies, changes in area of operation, additions to the number of stations, and changes in operating power. Coordination is also required for licenses which have been expired for more than six months. There is no longer a provision which allows an engineering survey in lieu of coordination.

4. The FCC also charges fees for issuing most types of licenses. Special Emergency Licenses are exempt from the FCC fees at this time.

5. The FCC now automatically sends out computer generated renewal forms to licensees approximately 90 days before the expiration date. These forms require little more than a signature to complete and can be sent directly to the FCC.

In April I met with representatives of the FCC and NABER in Washington D.C. to discuss the new rules and procedures for the processing of applications. I have prepared two instruction sheets for the preparation of the PS-101 Coordination form and FCC Form 574 the license application. These are available to units which will be applying for new or modified licenses. They are specific to applications for a Special Emergency license on 155.160 MHz consisting of only Base Stations at temporary locations and mobiles.

I also have available FCC Form 574 and the NABER PS-101 coordination forms for those needing them.
NABER has reprinted the latest version of FCC Part 90 Rules and Regulations which apply to our operations. These are well presented in a handy format with both the current text and recently revised text shown for comparison. I have order blanks for these books. There is a cost break for quantity orders. The books are ordered directly from NABER in Alexandria VA.

I have some information and fee schedules for other types of licenses which some units utilize. These include Business, GMRS, Aircraft Ground Stations, ELT Test Stations, etc.

Any unit desiring more information on these licenses or assistance with the completion of applications may contact me.

Mike Norman
MRA Communications

ELT PROPOSED STANDARDS
406 MHZ
DIGITALLY ENCODED TO IDENTIFY UNIT ON ONE SECOND OUT OF EACH MINUTE — ON 1 SEC OFF 59 SEC
PROPOSED STANDARD DOES NOT ALLOW GROUND DF USING CURRENT TECHNIQUES