Rescue Equipment List
Revised & approved by the IRECA Equipment Committee, April 2024

Personal Equipment

Required
- Rescue Helmet with chin strap
- 1 Flashlight/Headlamp
- Gloves
- Substantial Footwear
- Clothing that offers protection to the body, arms & leg
- Full eye protection required (Z-87 ANSI rated side shields required)
- 2 triangle bandages per member
- Minimum 3 locking carabiners per members (T-rated or greater)
- 1 descent control device (DCD)
- 1 Class III Harness

Optional
- 1 Triangular screw link
- 1 body cord (30ft max)
- 1 length of webbing max. -30ft.
- 1 Prusik
- 1 Pick off strap
- 1 Anchor strap / sling (40 kN or greater)
- 1 Work positioning / fall protection system (i.e. Grillon)
- 1 Rope Ascension Kit
- 1 Pulley with sheave no greater than 1.1"
- 1 personal fall arrest system (i.e. ASAP, Kong Back up)
- 1 set of fours (i.e., Aztek, Jag)

Emergency Care Kits (2 kits per team) to include:
- Triangle bandages (6 per kit)
- Scissors
- Compresses (4x4)
- Casualty/triage tags
- Pen or Pencil
- Roll of adhesive tape (traditional or self-adherent)

Team Equipment

Required
- 800 feet of 9000lb. MBS (G-rated) rope
  - REQUIRED: 1 Rope, 300 ft. in length
  - EXAMPLE:
    - 1 Rope 300 ft. in length
    - 2 Ropes 100-150 ft. in length
    - 2 Ropes 50-75 ft. in length
- Pulleys (Up to 6 pulleys allowed)
  - No pre-made mechanical advantages
- 3 Rope Clamps
  - Any combination of rope clamp ascend devices or multi-function rope clamp devices are allowed
- 1 Descent Control Device (DCD)
- 8 Paddings (Commercial or Handmade - any size)
- 4 Anchor Straps / Slings (40 kN or greater)
- 1 Anchor Plate
- Stokes basket

Optional Team Equipment
- 2 Swivels
- Pre-made patient tie in system (CMC, PMI)
- Pre-made litter harness
- Two-way radios

- ➢ All equipment must be in good working condition, used per manufacturer requirements and not modified from original intent/design
- ➢ Gear used meets applicable certifications or ratings such as NFPA, CE, ANSI, UIAA, etc.
  - An exemption for non-rated, but widely accepted gear to be used shall be approved by the Rescue Chairperson(s)
- ➢ No prototype gear, only gear that is commercially available is allowed.

For questions or comments, please contact:

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Document Lineage

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Revision Summary

25 April 2024	Additions • Added the approved use of radios with the clarification that they were not being supplied by the challenge event, so much as teams are able to use their own as they see fit. • Added the approved use of chafe pads in the amount deemed necessary by the competing team, with the disclaimer that all edges must be properly protected. Updates • Changed "Kris Pollio" and corresponding contact information to reflect Russell Walker's appointment to the Rescuer At-Large and de facto Equipment Committee Chair position. • Changed the example associated with rope grabs to reflect current terminology ("rope clamps") utilized by major manufacturers of said devices, as well as removing specific commercial devices from the document in favor of any commercially available device approved for rescue use in accordance with EN 567/EN 12841-B/EN 12278 standards.
09 February 2023	Document created based on the recommendations of the IRECA Equipment Committee and on previous equipment lists found in the respective challenges' rules packet. Removed from the challenge rules' packet for the purpose of standardization and objective evaluation by industry experts not affiliated with any one specific challenge event.