Format 11.1: List of Communications Equipment and Accessories defined for the level.[[1]](#footnote-1)

|  |  |
| --- | --- |
| **NAME OF THE TEAM** |  |

**Communications Standards Light Level**

**From the list of materials and tools, indicate those available for your Urban Search and Rescue Team, detailing if this material has its respective work log, as well as a clear use and maintenance policy.**

**Description**

It is understood that the fixed and portable communication equipment and its accessories defined for the Light USAR Team must be physically available and in excellent state. They shall also have an operations log system and be under appropriate preventive and corrective maintenance.

|  |  |  |
| --- | --- | --- |
| **Material** | **Available for the Search and Rescue Team** | **Has an updated work log** |
| 1. Communication system operatively designated for the Urban Search and Rescue Team’s work. |  |  |
| 2. Have a mobile communication system (in a vehicle) for the Urban Search and Rescue Team. |  |  |
| 3. Have at least three (3) portable radios with basic channels |  |  |
| 4. Have at least one point to point channel |  |  |
| 5. Have at least one channel with a repeater linked with its base |  |  |
| 6. Have battery and charger to operate for at least 48 hours. |  |  |

|  |  |  |
| --- | --- | --- |
| **Material** | **Available for the Search and Rescue Team** | **Has an updated work log** |
| 7. Basic office material: paper, printer, PC with internet access, ink, staplers, folders, etc. |  |  |

Communication Equipment (VHF, UHF or 900 MHz)

Information on the Responsible Officers

|  |  |  |  |
| --- | --- | --- | --- |
| Position | Full Name | Signature | Identification No. |
| Head of Logistics |  |  |  |
| Team Leader |  |  |  |

Without detriment to this document, the equipment contained herein must also me listed in the team’s general inventory under the general logistics management policy.

Annex Nº8: List of Communications Equipment and Accessories defined for the level.[[2]](#footnote-2)

|  |  |
| --- | --- |
| **NAME OF THE TEAM** |  |

**Communications Standards Medium Level**

**From the list of materials and tools, indicate those available for your Urban Search and Rescue Team, detailing if this material has its respective work log, as well as a clear use and maintenance policy.**

**In the case of the Medium Level, in addition to the above, also provide detailed information for those listed below.**

**Description**

It is understood that the fixed and portable communication equipment and its accessories defined for the Light USAR Team must be physically available and in excellent state. They shall also have an operations log system and be under appropriate preventive and corrective maintenance.

|  |  |  |
| --- | --- | --- |
| **Material** | **Available for the Search and Rescue Team** | **Has an updated work log** |
| Have at least 1 base station (20 – 40 watts output) in the UHF/FM band in the range mentioned above with at least 16 programmable channels, with its respective accessories, 110/220 VCA power supply and components to work with batteries, magnetic antenna and external speaker. |  |  |
| Have at least 6 portable equipment, with 8 programmable channels in the UHF/FM band in the range described above, with their respective accessories, flexible antenna, 1 additional battery and microphone/external speaker or hands-free device. |  |  |
| Have at least 4 point to point channels to work with the team and four channels with repeaters. |  |  |
| Have two sets of batteries and charger for multiple batteries for fast battery charging (110/240 VAC). |  |  |

|  |  |  |
| --- | --- | --- |
| **Material** | **Available for the Search and Rescue Team** | **Has an updated work log** |
| Kit for programming radio equipment (computer, connection cable, software etc.) |  |  |
| It is recommended to have at least one programmable portable station on the VHF/AM band (Aeronautics Band) in the range of 110-130 MHz. with accessories. |  |  |
| Have at least 1 programmable portable station on the VHF/FM band in the range of 130-180 MHz. with accessories. |  |  |
| GPS system with accessories. |  |  |
| Multi-band (UHF/VHF) listening scanner programmable in the search sequence. |  |  |
| Portable tools to work and repair problems in communication equipment, prepare and repair antennas, etc. |  |  |
| TV and commercial radio (FM/AM) with its respective accessories, for 110/220 VCA and batteries. |  |  |
| Power generator to support communication systems with their accessories, electrical protectors, UPS, terminal strips, extension cords, multi-plugs and VCD-VCA converters of at least 250 watts. |  |  |
| Emergency lighting system with tripods, headlamps and lamps for local lighting. |  |  |
| Double A and Triple A batteries for components and accessories. |  |  |

|  |  |  |
| --- | --- | --- |
| **Material** | **Available for the Search and Rescue Team** | **Has an updated work log** |
| Waterproof container to transport communications equipment. |  |  |
| Satellite cellular system, plus Internet and PC. |  |  |

Communication equipment (VHF, UHF or 900 MHz)

System based on the VHF/UHF bands in the 402-420 MHz range for UHF/FM systems; 130-180 MHz for VHF/FM systems.

Information on the Responsible Officers:

|  |  |  |  |
| --- | --- | --- | --- |
| Position | Full Name | Signature | Identification No. |
| Head of Logistics |  |  |  |
| Team Leader |  |  |  |

Without detriment to this document, the equipment contained herein must also me listed in the team’s general inventory under the general logistics management policy.

1. Source: Chile’s National Fire Academy, Accreditation Process [↑](#footnote-ref-1)
2. Source: Chile’s National Fire Academy, Accreditation Process [↑](#footnote-ref-2)