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As Minors Grow Old, King [from page 4]

1. For a review of the various purposes of these munitions, see the Mine Action Information Center’s “Ministerial References.” Available at http://mineaction.org/standards/endnotes/nref. Accessed 15 January 2008.


3. “Cancelling Area: an area previously recorded as a hazardous area which subsequently is rendered safe as a result of a landmine clearance effort. This change in status will be the result of a change in status recorded from technical surveys or reports and will generally only be authorized by the NMAA in accordance with national policy.” For more information, see the International Mine Action Centre’s “Ministerial References.” Available at http://mineaction.org/standards/endnotes/nref. Accessed 15 January 2008.

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4. Risk assessment is a norm in most commercial activities and the E&I Group of Companies has utilized this method as an integral element of its management system. The E&I Group of Companies is focusing on integrating risk and mine action work.


Survey and Ordnance Disposal in the Polisario-controlled Areas of the Western Sahara.


2. Saharawi Arab Democratic Republic is a government in exile formed by Guerguerat Community, Inc. 20 August 2007.


Environmental Damage from Minikindi, Minikui & Omar [from page 40]


Republic of Yemen, Haugan [from page 86]

1. Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Anti-personnel Mines and on Their Destruction, Oslo, Norway, 18 September 1997. The document was opened for signature in Ottawa, Canada, 3 December 1997, and thus is commonly known as the Ottawa Convention. http://tinyurl.com/ccwtxt. Accessed 5 March 2008. This Convention is also referred to as the CCW or CCW.

2. The 2000 Landmine Impact Survey originally identified 18 of 19 governorates of Yemen. Between 2000 and 2007, new governorates have been added, bringing the current total to 21, including the capital of Sana’a.


DEMICHAEL: A New Concept of Mechanical Demining, Joekle [from page 90]


3. ARTID: Association de Recherche de Techniques Innovantes en Déminage humanitaire is a French association, set up in 2000 to find and develop new techniques for humanitarian demining. Most of its members are retired scientists or engineers. It is located in Saint-Louis, a small French city at the junction of the borders between France, Germany and Switzerland. One of its tasks is gathering and diffusing information about demining techniques. http://www.artid.org. Accessed 27 February 08.


5. On almost all the mechanical demining techniques (flails, rollers, tillers), the vehicle drives on the ground which has been previously cleared by one method. Normally, the survivability of this vehicle in case of an accidental explosion has to be tested. A second method has to be applied then in order to be sure to get a mine-free ground.

6. The DEMICHAEL concept is new and different from the other methods of mechanical demining. Since the aim of this paper is to simply present the concept, a detailed description of the texts performed up to now has not been provided by the author. To discuss the specifics, contact the author.

7. Maquis is a dense growth of small trees and shrubs in the Mediterranean area.

MineSweeper: Not Just a Game Anymore, Mack [from page 93]


3. Detection faults and false alarms refer to the inability of a metal detector to discern between scraps of metal (e.g., bullets or high concentrations of iron in the soil) and actual landmines. In order to determine the detected metal content, the human deminer must carefully probe the ground with a bayonet or similar tool to recognize the shape of the object and unearth it—a potentially dangerous task.

4. A standard EMI doesn’t have a high-resolution receiving end, but the conceptual Cornell MineSweeper EMI array will have one. In addition, ground-penetrating radar will potentially be incorporated to complement the array, by determining distance and approximate shape of the object.


6. Crumple zones theory has been widely used and constantly tested in different applications, such as cat-crash testing. So far Cornell MineSweeper has tested the design robot for falls and impacts but not yet for explosives.


Intelligent Robotic Behaviors for Landmine Detection and Marking, Bruemmer [from page 97]


12. Note that six landmines in a 50-meter section is considered a high mine concentration.

13. The mines have a diameter of 33.4 cm.

Lessons Learned from Field Tests in Croatia and Cambodia, Debenest [from page 103]


