

Unmanned ship emergency communication command base station



Overview

The GMDSS is an internationally recognized distress and radio communication safety system that has been in place for several decades.

Unmanned ship emergency communication command base station



[Unmanned Surface Vessel Squadron \(USVRON\) Three](#)

The squadron is comprised of unmanned Global Autonomous Reconnaissance Crafts (GARCs). The 16-foot GARCs built by Maritime Applied Physics

[Emerging Trends in China's Development of Unmanned Systems](#)

SUMMARY To better understand trends in Chinese unmanned systems research, development, acquisition, and employment, and their potential implications, RAND undertook exploratory analysis



[A systematic literature review of emergency communications assisted](#)

To address RQ1 (How can UAVs be employed to support emergency communication systems?), we analyzed deployment scenarios subject to environmental, technical, and geographical

A Framework for Unmanned Systems at Sea

Stationary unmanned systems are deployed within sensor range of friendly critical capabilities, including ports and ships, as well as key maritime terrain, such as



[Defending U.S. Military Bases Against Drones? A Recent Tabletop](#)

In 2016, during coalition operations against the Islamic State, defense leaders started characterizing drones, especially small-

unmanned aircraft systems, as a threat to U.S. military personnel and

[The People's Liberation Army's Approach to Manned-Unmanned](#)

This analysis is intended to improve understanding of the People's Liberation Army's (PLA's) perceptions regarding manned-unmanned teaming (MUM-T) and the PLA's efforts to



[Emerging Technology and Risk Analysis: Unmanned Aerial Systems](#)

Unmanned aerial systems (UASs) or drone technologies, both individual systems and swarms of UASs, have proliferated over the past 25 years for a wide variety of applications. As a

[Small Unmanned Aerial System Adversary Capabilities](#)

The Association for Unmanned Vehicle Systems International's (AUVSI's) Unmanned Systems and Robotics Database-Air Platforms served as a source for data on current and historical UAS



[Emerging Trends in China's Development of Unmanned Systems](#)

An exploratory analysis of China's development and use of unmanned systems focuses on maritime unmanned systems, the roles China sees for them, Chinese development of unmanned

[Operating Low-Cost, Reusable Unmanned Aerial Vehicles in](#)

One intriguing approach is to employ large numbers of relatively low-cost, attritable-low-cost, reusable, and ultimately expendable-



unmanned aerial vehicles (UAVs) to perform a variety of tasks in support



[An Independent UAV-Based Mobile Base Station](#)

We develop a prototype of a proposed mobile base station and test its operation in an outdoor environment. The experimental results provide a

[The People's Liberation Army's Approach to Manned-Unmanned](#)

Manned-Unmanned Teaming in People's Liberation Army Discourse of Intelligent Warfare
China's military planners, likely shaped by a Marxist worldview, generally embrace an evolutionary view of



Uncrewed Aerial Vehicles , RAND

RAND's research on uncrewed aerial vehicles (UAVs) analyzes their roles in defense, intelligence, and civilian applications. Studies focus on technology advancement, operational

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