



MILITARY COMMUNICATION: THE REQUISITE OF THE PROGRESSIVE ERA

Priyansh A. Shah

Utpal Shanghvi Global School

Abstract

The desideratum of military communication has been oblivious to the general public and this paper ushers this topic into our political analysis. Military communication possesses a plethora of advantages which are yet to be unravelled. This paper gives evidence of how the military effectively manages itself giving vast majority of the credit to the communication equipment and how it closely knits the entire body into an imperishable hindrance non-allies have to overcome.

Key-words: *Military communication, Cryptography, Network-centric warfare, quality of superpower nation*

Introduction:

Military Communication, a specific yet broad term, often referred to as ‘comms’ comprise of all the methods used by armed forces to establish communication with their commander or headquarters and vice versa for a wide array of significant purposes that aid in reducing friction in their operations. All in all, there are six types of military communications-Alert measurement systems, Cryptography, Military radio systems, Nuclear-command and control, Signal corps and Network-centric warfare. Moreover, the verbal and textual communication carried out by the military includes the phonetic alphabet, meaning that they use words with starting letters of the alphabet they intend to use, for instance: A-Alpha, B- Bravo, etc. However, to comprehend the entire subject we need to understand certain terms of this field. To begin with, let us take a dive into “cryptography”- for basic comprehension, cryptography is the method of converting letters into various other characters so that only bodies equipped with decoding knowledge can crack the message preventing the unauthorized outflow of pivotal information. Next, let’s try to break apart “Network-centric warfare”- this segment of military communication refers to the attempts of a military body to decode encrypted messages of non-ally organisations. Lastly, “Signal corps”- refers to a military body that possesses a branch that operates all communications made by its armed counterpart. The objective of this paper is to evaluate the significance military communication holds in the development of a country and having a formidable defence amidst this rising strive for dominance by neighbouring countries.

Theory:

Based on recent publications in this field, a paper based on the role of communication in military leaderships, communication can be of two types- Informational and motivational. The aims of communication and leadership are synonymous. Moreover, the amount of effective



communication a commander has with his/her subordinates affects the strength of his/her ties with their subordinates, and the puissance of a military body depends on how clout the bonds between their soldiers are, as about 93% of a message is the tone and body language of the speaker.

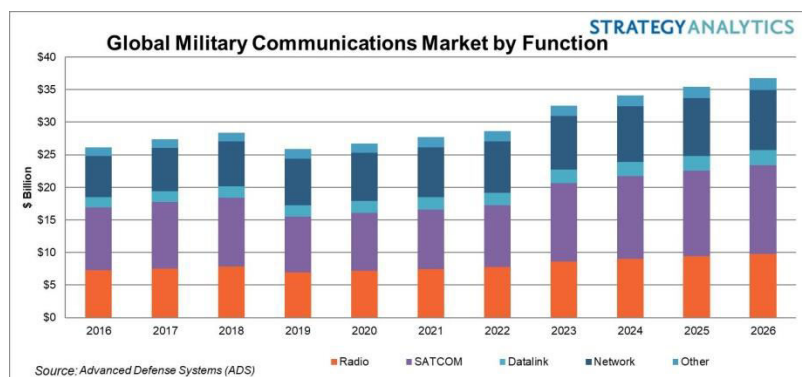
Furthermore, experts discuss about how pioneering military communications equipment usher copious benefits into a country's warfare system, in a paper based on high millimetre wave bands of military communication. They go on to claim that Avant-grade communications equipment aids a military organisation to make spontaneous decisions and set-up an elaborate yet efficient management of automated counterparts such as UAVs, etc. A good military communication system allows that organisation to establish communication conveniently with back-up supply systems for troops on the battle-field such as communicating with aerial re-fuelling vehicles, etc, which are essential for the survival of those troops. The most pivotal thing the military possesses is their troops; military communication is highly needed in order to given them information in the nick of time by which human as well as material resources is utilized wisely. Lastly, methods such as cryptography prevent the outflow of significant confidential information such as coordinates and secret identities of spies designated to very crucial missions. As each one is cognizant of the 5 traits a superpower country possesses- Large population, robust economy, and *Appreciative military power*, great political and cultural influence. A powerful military requires a tonne of up-to-date equipment and the wonder-child of this progressive era- Automated weaponry. As mentioned above, military communications fulfils all these needs of country to strengthen its defence systems. Lastly, in order for a country to gain leverage over the others is to have an adaptive military approach meaning that the military should constantly be updated with real time information to eradicate any leverage against them possessed by other countries.

Results:

This evaluation clearly indicates how crucial of a role military communication plays in the growth of a country. This evaluation helps us to comprehend how intense things can get on the battle field and how communication swoops into to get them out of jeopardy. Thus, the final arguments of this analysis prove the worth of military communications to a country.

Discussion:

This derivation really ignites the spread of an unprecedented perspective taken upon by the progenies of the 21st century. The comprehension of the results and evaluation stated above rewrites the necessities of how a military of a country can be managed in order to for it take lead into becoming an eventual superpower. As we are all cognizant of the fact that The Unites States of America is renowned for being identified as a superpower. As mentioned above, the troops and the devices that belong to the military are highly essential. However, the one thing ignored is the role played by military communication.





The above graph forecasts the military communications market *globally*. Notice how the market is predicted to grow exponentially connoting that countries are expected to invest in this sector subtly proving its credibility.

Conclusion

With this, the paper has arrived to its culmination proving what a pivotal role military communication plays in empowering a defence system of a country. However, no matter how many facts indicate to the results obtain, there are a plethora of limitations that creep in like a tenebrous shadow. The results obtained depend on the way it is executed, for instance having state of the art equipment but not utilizing it in the right direction is futile. Moreover, the audience for which the system was originally introduced must possess the comprehension skill of the fundamentals of this system. Many such limitation follow however, the results here are generalised and have a neutral perspective.

References:

- https://www.google.com/search?q=global+market+size+of+military+communication&rlz=1C1CHBD_enIN941IN941&sxsrf=ALiCzsZytNY6Fqz5LdK-hWnbBBWBwYXrHA:1655311203030&source=lnms&tbn=isch&sa=X&ved=2ahUKEwj52_7h8q_4AhVq-jgGHRrOCQwQ_AUoAnoECAEQBA&biw=1013&bih=920&dpr=1#imgrc=nYz9elgKqjSTyM
- Lewińska, M., 2016. *The Role of Communication in Military Leadership*. *Journal of Corporate Responsibility and Leadership*, 2(1), p.37.
- Harvey, J., Steer, M. and Rappaport, T., 2019. *Exploiting High Millimeter Wave Bands for Military Communications, Applications, and Design*. *IEEE Access*, 7, pp.52350-52359.
- Military Communication Market Size, 2., 2022. *Military Communication Market Size, Growth | Report, 2022-2029*. [online] *Fortunebusinessinsights.com*. Available at: <<https://www.fortunebusinessinsights.com/military-communications-market-102696>> [Accessed 15 June 2022].