

Doctrine Update

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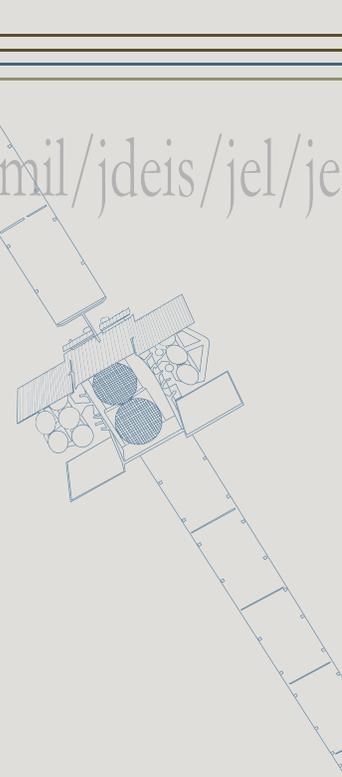
If ever there was a time for the Space doctrine equivalent of a newspaper boy shouting “Extra, read all about it!” now is that time. Just as we see something new about or from Space every time we turn around, both Joint and service doctrine is being updated and it is worth bringing every Space professional up to speed. Below are recent updates for the JP 3-14, Space Operations, the FM 3-14, Army Space Operations and Space task updates to the FM 7-15, Army Universal Task List.

Before we continue, let us first say a sincere thank you to every one who helped on “The Army Position on the rewrite of JP 3-14.” You may have seen it as the Army Position on Space in the last edition of the Army Space Journal (Vol. 6, No. 3). That seminal document had input not only from U.S. Army Space and Missile Defense Command (SMDC) but from Space experts in critical positions throughout the Army. It identified key issues/positions, consolidated justifications for those, and raised awareness on the importance of the Joint Publication and issues that would be decided during the rewrite. As a result, the Army and SMDC were well represented and informed at the first two writing sessions. We truly believe that we produced the beginning of an excellent doctrine document for the Joint community as well as the services. Thanks again!

We would like to solicit your feedback on the new JP 3-14. The First Draft, back from the Joint Staff is dated Jan. 25, 2008. Some major issues that may be of interest include the omission of the term DIRSPACEFOR from all parts of the manual except the Air Force Component narration, the inclusion of the definition of the Space Coordinating Authority as a Joint

Position nominated by the Joint Task Force Commander, and the deliberate omission of the term Global Space Coordinating Authority. Many of you voiced concern about these issues and we at Space doctrine were listening. You may download the entire document at: <https://jdeis.js.mil/jdeis/jel/jel/dftpubs/operations.htm>. Please take a look at the new publication and tell us what you think by e-mailing: space.journal@us.army.mil.

Presented here are a few expansions of some of the issues that you told us were most important as well as the interim results. The first is the Space Coordinating Authority (SCA) which is changed from Coordinating Authority. The Draft JP 3-14 defines and discusses the Space Coordinating Authority as follows: “Although the Space Coordinating Authority role has normally been assigned to the Joint Force Air Component Commander, the Joint Force Commander may designate the Component Commander who has the preponderance of military Space capabilities, expertise, and Space command and control (including reachback).” We at the Space doctrine shop find this is most palatable. The Draft publication goes further with a highlighted vignette that describes a best practice approach of selecting a Space Coordinating Authority: “The designated Space Coordinating Authority should consider, as a best practice, establishing a jointly manned Space element, with appropriate joint authority, to aid the Space Coordinating Authority in the execution of day-to-day responsibilities. Current practice has not yet matured to ensure full representation by all functional components. As an example, the Army and Air Force have provided support to the U.S. Central Command Space Coordinating Authority, creating a level of synergy in Space planning. However, since there is no maritime representation on the Space Coordinating Authority staff, the Space Coordinating Authority provides direct Space support to the lead carrier strike group in theater. The carrier strike group commander requires Direct



Liaison Authority in order to interact with the Space Coordinating Authority, at the operational level, for support to all tactical level maritime units. A more optimal joint solution is for the Space Coordinating Authority to consider providing functional component Space officers to the staff.” Hopefully this definition and vignette serve the purposes of all components and Space professionals for years to come.

For a number of years, there have been articles in Air Force Doctrine Watch that had been calling for the DIRSPACEFOR to be the de-facto Space Coordinating Authority and to have that written into Joint doctrine. Such an idea was not vetted at the first two writing sessions. Indeed, it was the overwhelming opinion of Air Force personnel at those writing sessions that DIRSPACEFOR needed only be mentioned in the Service Component, Air Force section. It resulted that way in the First Draft.

Finally, it is important to mention the issue of including a Global Space Coordinating Authority in the Joint Pub. This idea was discussed at great length and with much vigor in both writing sessions. The final result was achieved with an overwhelming preponderance of opinion falling to the side that there should be no such joint term. Global Space Coordinating Authority is not mentioned anywhere in the Joint Pub 3-14.

Equally as important as the JP 3-14 is the update of the FM 7-15, Army Universal Task List. The older version of FM 7-15, dated August 2003, had one Space task: ART 7.4.6 Provide Space Support. The update is much more robust with respect to what the Army does in Space. There are now sixteen Space and missile defense related tasks. Space tasks are grouped in Chapter 5: The Command and Control Warfighting Function, under Section VI: Integrate Space Operations. The Missile Defense tasks are grouped under Chapter 6: The Protection Warfighting Function, in Section I: Employ Air and Missile Defense. These changes have been approved by U.S. Training and Doctrine Command’s Combat Arms Doctrine Directorate at Fort Leavenworth, Kan. Currently the 1st Space Brigade S-3 shop is working feverishly to better define the measures of success for ART 5.6.4, Provide Space Situational Awareness. All tasks are listed in table 1

Table 1

Army Task	Title
ART 5.1.1.6	Integrate Space Capabilities
ART 5.6	Integrate Space Operations
ART 5.6.1	Provide Space Force Enhancement
ART 5.6.1.1	Provide Space Based Position, Navigation, and Timing Support
ART 5.6.1.2	Provide Reconnaissance and Surveillance Support
ART 5.6.1.3	Provide Satellite Communications Support
ART 5.6.1.4	Provide Weather and Environmental Monitoring Support
ART 5.6.1.5	Provide Theater Ballistic Missile Warning Support
ART 5.6.2	Provide Space Control
ART 5.6.3	Provide Army Space Support
ART 5.6.4	Provide Space Situational Awareness
ART 5.6.5	Coordinate Army Space Capabilities
ART 6.1.5	Plan Ballistic Missile Defense
ART 6.1.6	Conduct Ballistic Missile Defense
ART 6.1.6.1	Manage System Configuration
ART 6.5.7	Protect Critical Facilities and Systems

In the past few weeks, FM 3-14 has popped up as a 50 meter target in Space doctrine’s lane. This is, of course, necessitated by the release of the first draft of JP 3-14 and our recent release of FM 3-14.10, Space Brigade Operations. With such extensive changes occurring not only in the Joint doctrine, but in our own service doctrine, we need to update to stay in tune. We are currently working the Program Directive for that FM update. If you have anything you’d like to see in the new FM 3-14, please write to the Army Space Journal and we’ll ensure that your issues are carefully considered in the upcoming rewrite. There is a lot of new ground to cover such as Space Cadre activity, warfighter lessons learned, expanded Space missions, to mention a few.

We are fond of saying: “Doctrine is the ground truth.” However, we are very cognizant of the fact that you fine people hold the ground that we write about. We are dependent on you for quality input. Don’t let us down. 

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