



# Air Land Sea Space Application Center



*Joint Tactics, Techniques, and Procedures  
for Victory in the Next Battle*

# ALSSA Mission

## Mission Statement

ALSSA provides multi-Service solutions for tactical warfighters by filling gaps in existing tactics, techniques, and procedures (TTP) to improve near-term interoperability and lethality.

## Intent

ALSSA succeeds through professional networking, collaborative tools, digital/printed media, and other methods that facilitate engagement with joint warfighters. Adaptability, credibility, and speed are pillars of ALSSA's organizational culture..

## Risk

The principal risk to ALSSA's mission is the erosion of the symbiotic relationship with joint warfighters which diminishes the credibility, relevance, and effectiveness of ALSSA solutions to joint interoperability gaps.

## End State

ALSSA strives to provide the joint force unencumbered access to TTP solutions that increase interoperability and lethality via timely updates and multiple information pathways.



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# History of ALSSA

- **1973: CSAF (Gen Brown) and CSA (GEN Abrams) initiated the TAC-TRADOC Dialog to increase joint coordination and interoperability.**
- **1975: HQ TAC and HQ TRADOC established a joint directorate, Air-Land Forces Application (ALFA), for development of joint concepts, doctrine, and procedures for the conduct of the Air-Land Battle.**
- **1992: MCCDC and LANTFLT assigned permanent billets to ALFA ... became Air Land Sea Application (ALSA) Center.**
- **1997: ACC and TRADOC transfer organizational oversight responsibilities to respective doctrine centers.**
- **1998: Joint Duty Assignment Validation Board validated all ALSA Center positions as joint (Removed in 2022).**
- **2022: Services voted to include Space Force. ALSA became Air Land Sea Space Application (ALSSA) Center.**



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# JASC Members

## Service Voting Members



**Mission Command Center of  
Excellence (MCCoE)  
Director  
Brigadier General  
Bryan Babich**

**LeMay Doctrine Center  
Commander  
Major General  
Parker Wright**



**Navy Warfare Development  
Center (NWDC)  
Director  
Mr. Michael Durkin**

**Training and Education  
Command (TECOM)  
Director Policy and Standards  
Colonel  
Karl Arbogast**



**Space Delta 10  
Commander  
Colonel  
S. Shannon DaSilva**

## Non-Voting Members



**Joint Staff J7/DD JED  
Joint Ed & Doctrine  
Colonel  
Thomas Lee**



**USCG FORCECOM  
Commander  
RDML Jeffrey Randall**



**USSOCOM J59,  
Doctrine Chief  
Mr. Dennis Granger**



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# ALSSA Organization



**Director**  
**Col Troy McLain (USAF)**



**Deputy Director**  
**COL Michael Reyburn (USA)**

## NCOs

**SrA Snellings (USAF)**  
**SrA Kraft (USAF)**

## C5ISR

**CDR Kerr (USN)**  
**Lt Col Jackson (USAF)**  
**MAJ (P) Oakley (USA)**  
**Maj Constantineau (USAF)**

## Fires and Sustainment

**Col (S) Hrupek (USAF)**  
**COL Willig (USA)**  
**LTC Jensen (USA)**  
**Lt Col Schwab (USAF)**  
**MAJ (P) Christensen (USA)**  
**MAJ (P) Funderburk (USA)**  
**Maj Wallin (USAF)**  
**Vacant (USMC)**

## Contact ALSSA:

**ALSSAinfo@army.mil**

## Support Staff

**Exec Asst — Ms. Creighton (USA)**  
**Budget — Mrs. Villanueva (USA)**  
**Automation Asst — Mrs. Joyce (USN)**

## Publishing Staff

**Illustrator — Ms. Caswell (USN)**  
**Editor — Mr. Finn (USAF)**

## Service Billets

**Army Aviation, Infantry, Special Forces, Field Artillery, Space Operations, Strategic Intelligence, Fighter Pilot, Bomber Pilot, Comms/Information Ops, UAS Pilot, JTAC, Naval Aviator**

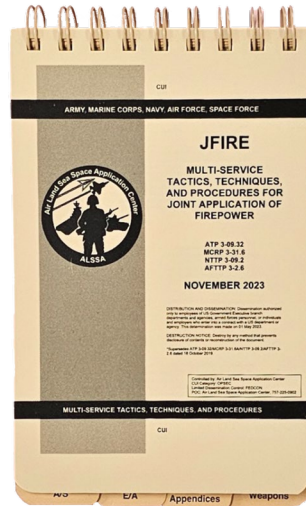
## Positions Allocated

<b>Army</b>	<b>7</b>
<b>Air Force</b>	<b>8</b>
<b>Navy</b>	<b>1</b>
<b>USMC</b>	<b>1</b>
<b>Civilians</b>	<b>5</b>
	<b>22</b>

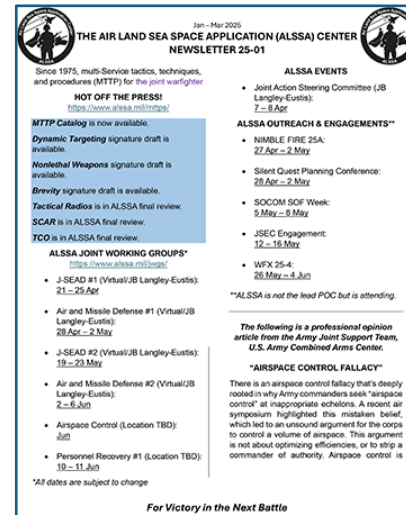


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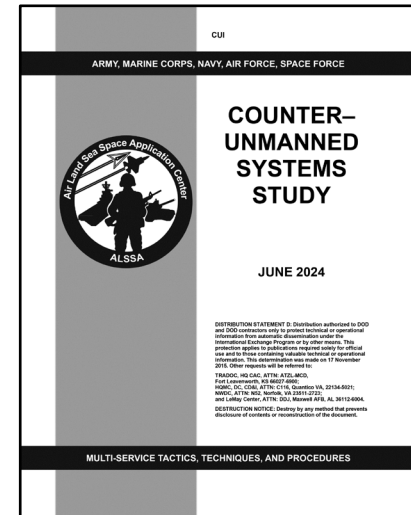
# ALSSA Products



Multi-Service Tactics,  
Techniques, and Procedures  
(MTTP)



ALSSA Newsletter



ALSSA Study

E-mail: [ALSSAinfo@army.mil](mailto:ALSSAinfo@army.mil)

Unclassified – <http://www.alssa.mil>

SIPR – <https://intelshare.intelink.sgov.gov/sites/alsa>

Joint & Service Digital Libraries

Army: <https://armypubs.army.mil/>

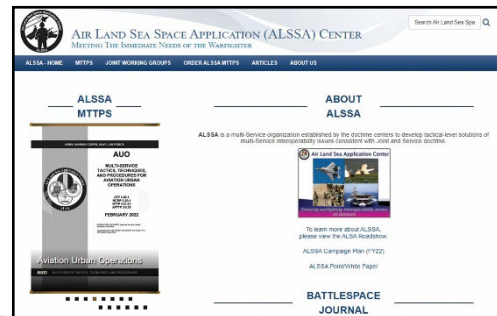
Navy: <https://doctrine.navy.mil>

Air Force: <http://www.doctrine.af.mil/>

Marine Corps: [https://usmc.sharepoint-mil.us/sites/MCEN\\_Support\\_MCDoctrine](https://usmc.sharepoint-mil.us/sites/MCEN_Support_MCDoctrine)

Space Force: <https://space-wiki.apps.dso.mil/wiki/Doctrine>

Joint: <https://jdeis.js.mil/jdeis/index.jsp?pinde=84>



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# ALSSA MTTP

## Priority

(1-3 Year Cycle)

Annually	Fighter Integration
2-Year Cycle	Air Control Communication Multi-Service Brevity Codes  Joint Application of Firepower Tactical Radios Joint Suppression of Enemy Air Defenses
3-Year Cycle	Airspace Control Air and Missile Defense Personnel Recovery Advising Foreign Security Forces Theater Air-Ground System Airfield Opening

## Routine

(5 Year Cycle)

Air Operations in Maritime Surface Warfare  
Aviation Urban Operations  
Dynamic Targeting  
Conventional Forces and Special Operations Forces Integration, Interoperability, and Interdependence  
Explosive Ordnance  
Intelligence, Surveillance, and Reconnaissance Optimization  
Kill Box Planning and Employment  
Military Diving Operations  
Strike Coordination and Reconnaissance  
Survival, Evasion, and Recovery  
Tactical Convoy Operations

## Evaluation

(Assess for Future Disposition)

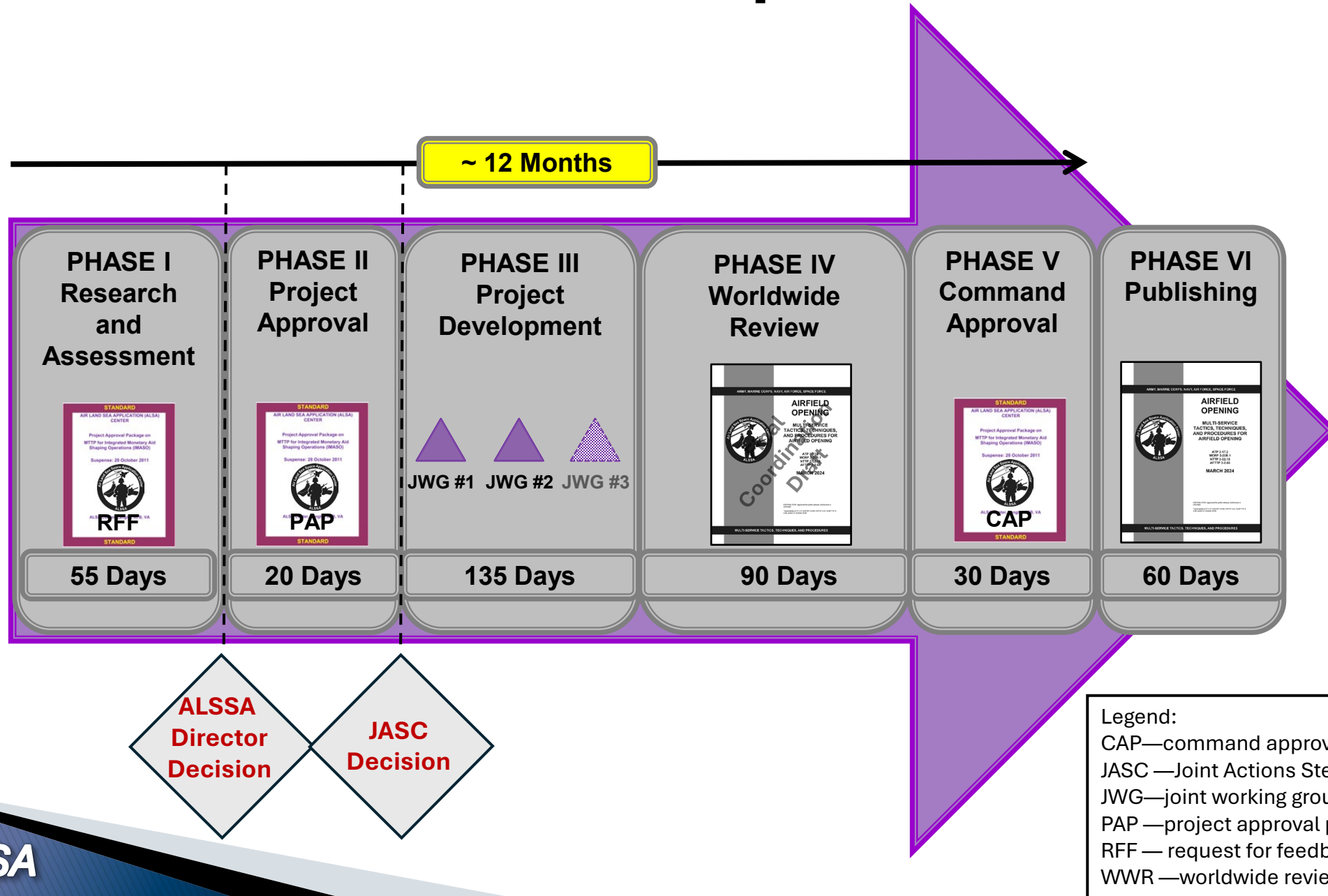
Air-to-Surface Radar Employment  
Tactical Employment of Biometrics in Support of Operations  
Defense Support of Civil Authorities  
Expeditionary Forensics  
Employment of Nonlethal Weapons  
Operation Assessment



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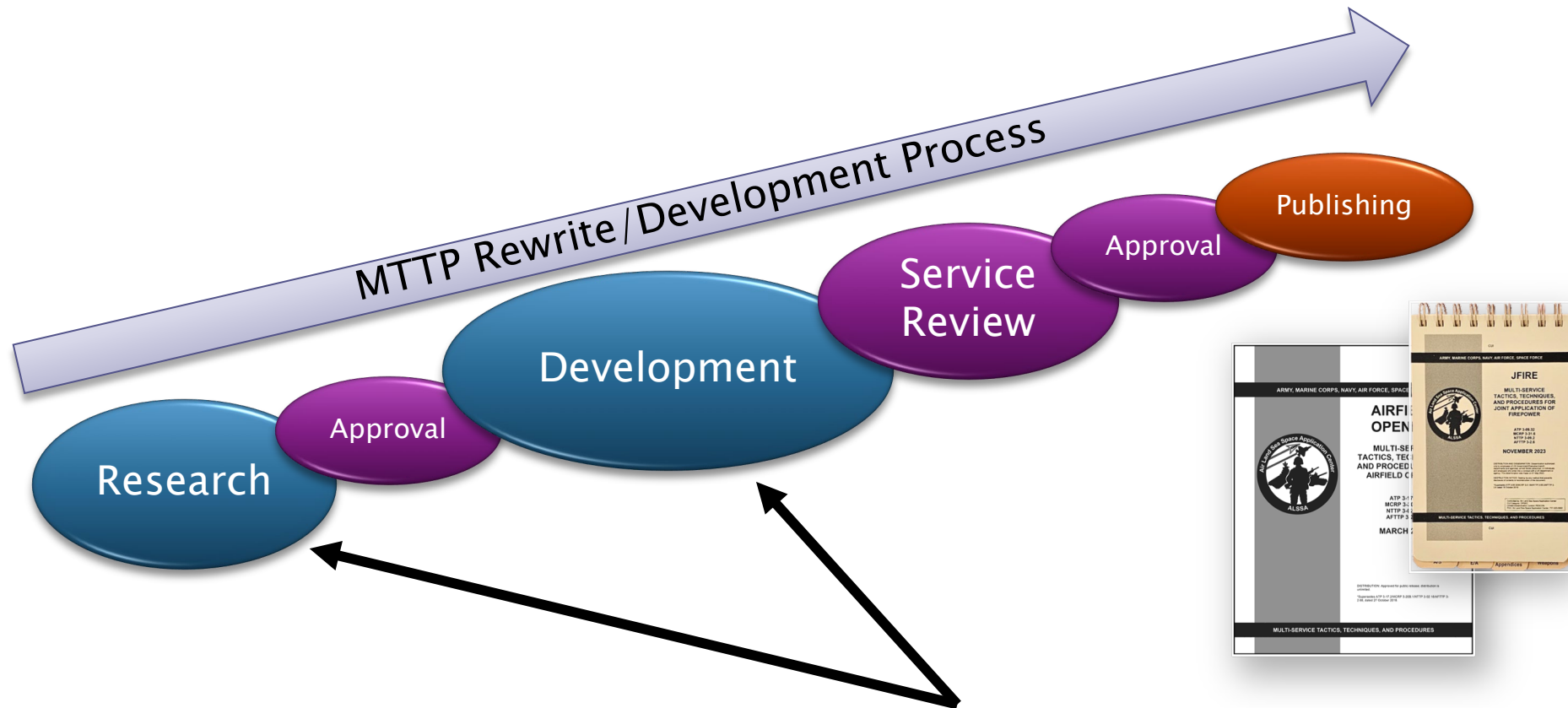
# ALSSA MTTP Development Process



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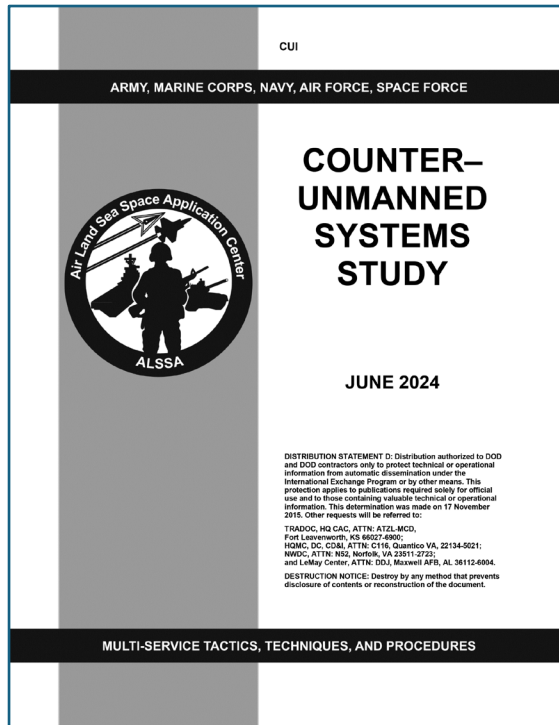


ALSSA Upcoming Joint Working Group  
Schedule: <https://www.alssa.mil/jwgs/>



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# ALSSA Studies



- Studies are written to determine the existence or nature of interoperability problems.
- They are accomplished at the direction of the JASC or the O-6 Council, in response to a query from the field, or by internal tasking.
- Studies include requests to write proposals for future publications or review and comment on joint and Service publications.
- Occasionally, studies are not approved for MTTP publication production due to a limited or no interoperability gap or other circumstance.
- Email: [ALSSAinfo@army.mil](mailto:ALSSAinfo@army.mil) with suggestions.

## Recent ALSSA Studies

- Degraded Space Operations
- Air Control Communication
- Personnel Recovery
- 4<sup>th</sup>/5<sup>th</sup> Gen Fighter Integration
- Defensive Cyber Operations
- Counter Unmanned Systems
- Joint Air Attack Teams
- Air and Missile Defense



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### Releasability of ALSSA MTTP

Category	Released to ___ Nations
Biometrics	1
Forensics	8
Survival	13
FI	25
NLW	34
TCO	36
ISR-O	36
EO	36
CF-SOF	36
ATSRE	39
SCAR	40
Airspace Control	46
Tac Radios	49
AOMSW	49
AMD	49
PR	51
Killbox	51
DT	52
JSEAD	61
JFIRE	68

Advising, ACC, Airfield Opening, AUO, Brevity,  
DSCA, MDO, Ops Assessment, TAGS

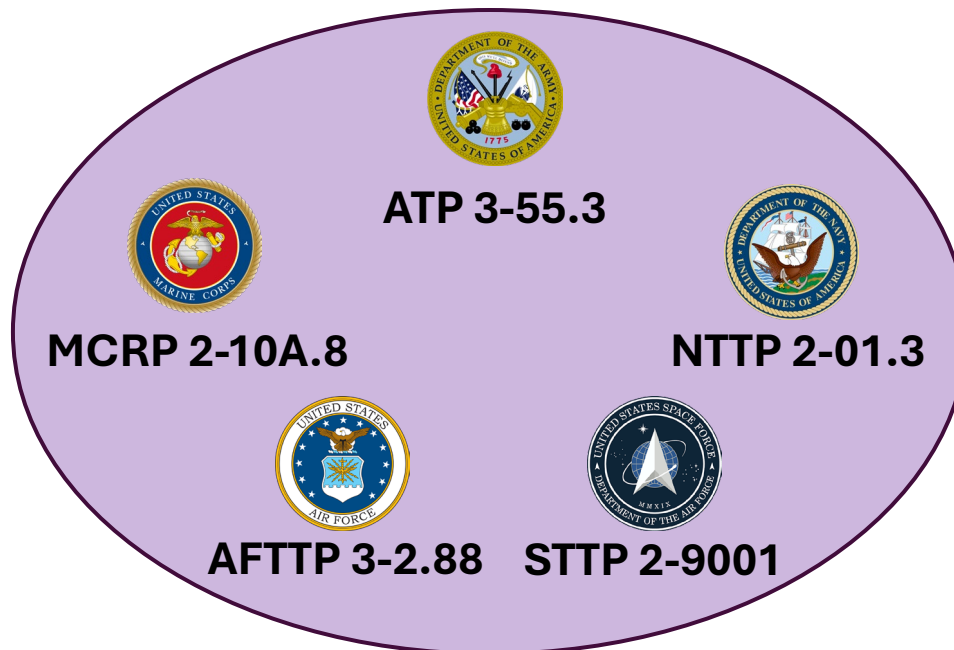
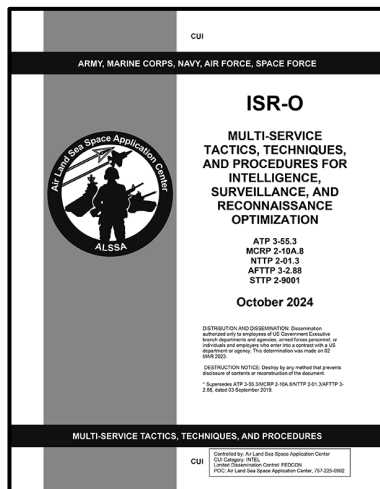
# Joint and Multi-Service Doctrine

## Joint Doctrine

- Authoritative Joint doctrine
- Must have consensus
- Proposed by JDPC
- Approved by CJCS/DJ7
- Signed by the CJCS
- Revised on a priority basis
- **Operational Level Doctrine**

## Multi-Service Doctrine

- Adopted as Service doctrine
- Service agreement not required
- Proposed/written by Warfighters
- Approved by JASC
- Signed by Service doctrine chiefs
- Revised every 1-5 years
- **Tactical Level Solutions**



### ALSSA's Contribution to Service Publications

Army and Navy:  
29 ALSSA publications included in ATP and NTP libraries.

Air Force and Marine Corps:  
30 ALSSA publications included in AFTTP and MCRP libraries.



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# Air Land Sea Space Application (ALSSA) Center



*Improving tactical integration and lethality across all domains*