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# Joint All Domain Command & Control (JADC2) Naval Analysis

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Monterey, California: Naval Postgraduate School

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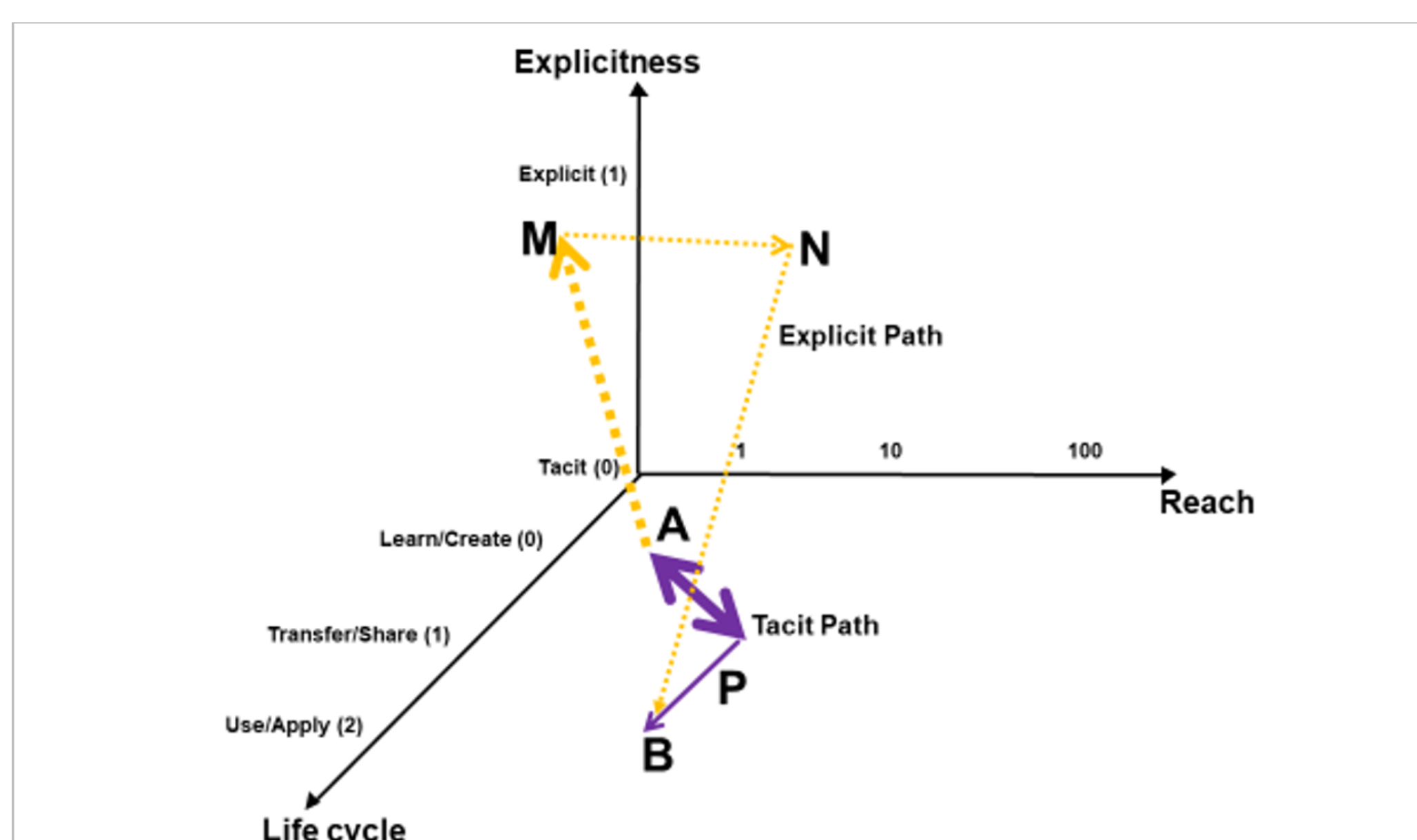
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## Background

- Rapid decisions & actions are critical in the Navy
- They depend upon effective C2
- C2 across all domains & Services is difficult
- JADC2 seeks to handle the difficulties
- Even in DDIL environments
- Navy needs to play a key role



Maritime Focused JTF



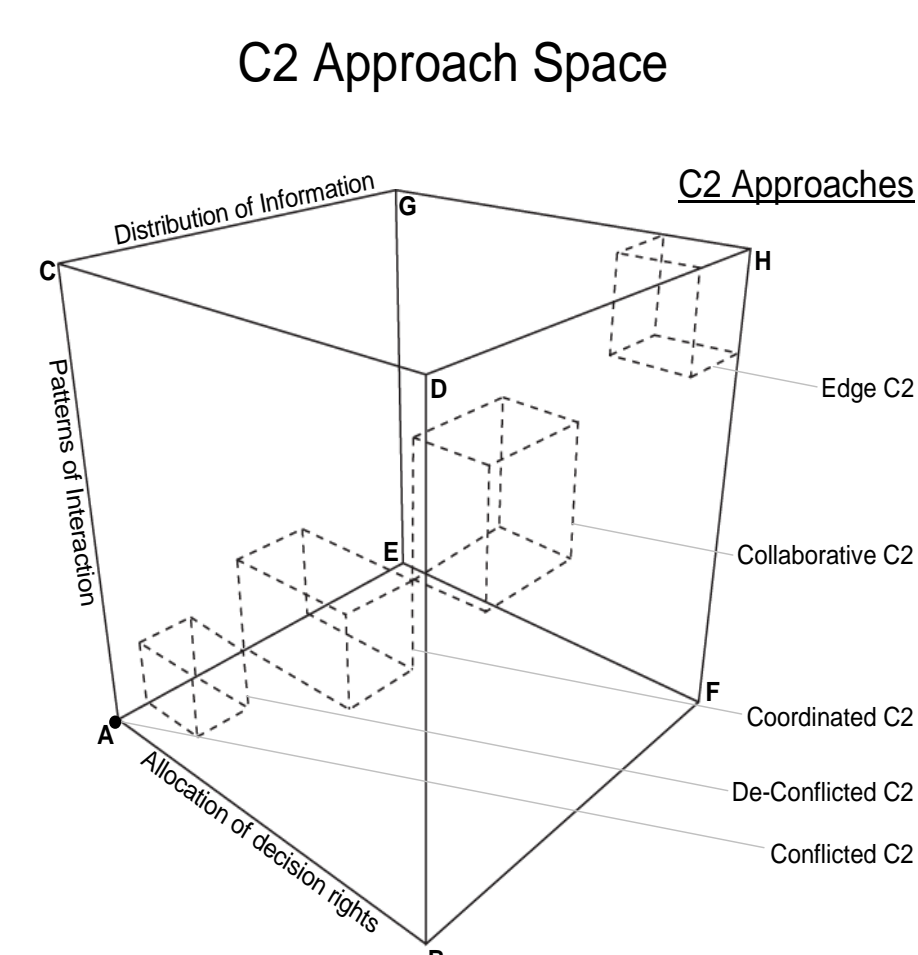
State of the Art Knowledge & Information Flow Analysis

## Our Approach

- Understand key JADC2 objectives & efforts
- Develop maritime JTF scenarios for analysis
- Identify key knowledge & information flows
- Compare full communications with DDIL
- Investigate C2 organizations & approaches
- Conceptualize key JADC2 mechanisms

## Key Results

- Key JADC2 communication requirements emerge
- Joint & operational C2 is affected most by DDIL
- Mission Command, Battle Rhythm Dilation & Edge C2 become important
- Insight from integrated submarine communications & operations
- Focus on people, processes, organizations & technologies
- Rethink SOPs, TTPs, OPORDs & like explicit knowledge
- New knowledge, education, training & practice need to be developed



Alternate C2 Approaches

## Future Research Opportunities

- Evaluate Communication Matrix deeply
- Develop education & training courses
- Learn & practice effective DDIL C2 procedures
- Learn & practice Mission Command
- Learn & practice Battle Rhythm Dilation
- Learn & practice Edge C2



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