

# Joint Battle Command - Platform Family of Systems (JBC-P FoS)

## System Characteristics:

<b>TAMCN:</b>	A90017G, A90897G, A04017G
<b>NSN:</b>	7010-01-513-8459 (Mounted)
<b>Technology:</b>	Digital
<b>Spectrum:</b>	L-Band, Tactical Radio
<b>Orientation:</b>	Communications System dependent
<b>Mobility:</b>	On-the-Move
<b>Power:</b>	Communications/Platform System dependent
<b>Distance:</b>	L-Band OTH; Tactical Radio LOS
<b>Operational Mode:</b>	Data
<b>Encryption:</b>	Via Type 1 Encryption Device KGV-72
<b>Quantity Fielded:</b>	4,026 In-Theater Assets under UUNS
<b>AAO:</b>	Mounted 13,542; TOC 1,371; Dismounted 6,920



**System Description:** Joint Battle Command – Platform (JBC–P) Family of Systems (FoS) is a digital, battle command information FoS that provides integrated, on the move, timely, relevant Command and Control (C2)/Situational Awareness (SA) information to tactical combat, combat support, and combat service support commanders, leaders, and key C2 nodes. JBC–P FoS also contributes to the SA component of Combat Identification (CID) resulting in greater combat effectiveness and reduced fratricide. The system provides enhanced situational awareness of friendly, and reported enemy, neutral, and civilian entities (including reported international agencies and Non-Governmental Organizations (NGO)) and allows commanders the ability to concentrate combat weapons system effects rather than combat forces. JBC–P FoS provides C2 at the platform level across the Services enabling joint situational awareness and affords joint warfighters the capability to gain and retain the tactical and operational initiative under all mission, enemy, terrain, troops, time and civilians (METT-TC) conditions.

**Locations:** 4,026 in current theaters of tactical operations

## Programmatic Information:

<b>Manufacturer:</b>	Processor: DRS
<b>Contract Vehicle:</b>	Army major contract vehicles
<b>MCSC Acquisition Status:</b>	Increment I Pre-FRP Increment II Post MS C (Army)
<b>P3I:</b>	Army FBCB2 IIP
<b>IOC:</b>	March 2014
<b>FOC:</b>	August 2016
<b>Fielding Plan:</b>	Incremental Vertical by MEF
<b>Unfunded Requirement:</b>	None for Increment I

## Lifecycle Configuration Control:

<b>Initial Fielding:</b>	Under UUNS
<b>Quantity Fielded:</b>	4,026
<b>Warranty:</b>	KGV-72 and BFT2 only
<b>Logistics Support Concept:</b>	CLS
<b>Upgrades:</b>	JCR to JBC-P software, transceiver to BFT2
<b>Variations:</b>	Mounted, TOC Kit/Command Post, Dismounted
<b>Legacy Equipment Substitute:</b>	Blue Force Tracker (BFT)
<b>Lifecycle Status:</b>	Increment I (US Army) O&S
<b>Expected Replacement System:</b>	Increment II JBC-P

**Expected Replacement Timeframe:** 2014

## Requirement:

**Stated Need:** Supports Tier 1 Joint Capability Areas of Joint Command and Control (C2); Joint Battlespace Awareness; and Joint Net-Centric Operations.

**Operational Requirements Documentation (ORD):** Initiated by Data Automated Communications Terminal (DACT) ORD and superseded by Joint Battle Command-Platform (JBC-P) joint CDD.

**Concept of Employment:** JBC-P will be the primary digital C2SA system used at Battalion and below within the MAGTF. It will also serve as the primary digital C2 system for afloat MAGTFs during the initial phases of amphibious operations, before full C2 is transitioned ashore. At Battalion and above, JBC-P will provide redundant C2SA capabilities. JBC-P in addition to the fleet of Tactical Data radios will be the primary generator of ground forces PLI throughout the MAGTF, including Landing Forces during ship-to-shore movements, regardless of echelon. JBC-P will also provide PLI for JBC-P equipped assault support aircraft. However, these tracks do not replace data link-generated aircraft tracks.

**Operational Impact:** Affords Marine commanders at the Battalion and below the ability to command and control on-the-move and provides them with enhanced situational awareness.

## Risks:

<b>Cost:</b>	Low - Economy of scale achieved via Army major contracts.
<b>Schedule:</b>	Medium - Manpower, Personnel & Training Plan implementation.
<b>Performance:</b>	Low - System developed. Upgrades nearing completion.

**Status:** Participating in an Army-led MDAP. Increment I is upgrading legacy BFT systems delivered under a successful UUNS beginning in Oct 2012. Full fielding of the AAO follows. Increment II adds new software and hardware variants including a dismounted system developed under the Army Nett Warrior Program. Fielding is scheduled to begin in Feb 2014.