SBCT Organization & Capabilities

FM 3-90.6, August 2006
FM 3-21.31, March 2003
FM 3-21.21, April 2003
FM 3-21.11, January 2003

12/17

Agenda

- Vehicles and capabilities
- SBCT capabilities and composition
- BN capabilities and composition
- Co composition
- Support
- questions

Even Rambo had a Montage

Stryker Family of Vehicles

FIGHTING VEHICLE? NO
CAPABILITIES PLATFORM? YES

PROTECTED MOBILITY
- ARMOR PROTECTION FOR HMG
- CARRIES 9-MAN SQUAD
- TO 60 MPH; 330 MILES RANGE

FIREPOWER
- KONGSBERG REMOTE WEAPONS SYSTEM (RWS) - M2 .50 CAL OR MK-19

SITUATIONAL AWARENESS/COP
- UTILIZES C4ISR SYSTEMS

RECONNAISSANCE/RESUPPLY/ CASEVAC

322 Strykers
+ RTNs
+ TACP
+ EN PLs
+ EN Cdr


Infantry Carrier Vehicle (ICV) - 128


Commander's Vehicle (CV) - 27


Fire Support Vehicle (FSV) - 13


Recon Vehicle (RV) - 51


Medical Evacuation Vehicle (MEV) - 16


Engineer Squad Vehicle (ESV) - 12

Commonality

Common Operating Picture

Common Chassis & Drive Train

Common Key Perf Parameters

Common Survivability

TMDE, Spare Parts, Tools & Skills

Key Characteristics

Configuration	Combat (in.)	Shipping (in.)
Height:	122.88	103.62
Width:	116.43	112.80
Length:	286.30	286.50
Weight:	38,000 lbs (target)	
Engine:	350 hp JP-8/Diesel (Caterpillar) (vs. LAV III 275hp)	
Transmission:	Allison	
Brakes:	5 inch ABS (Common with FMTV 5 -Ton)	
Other:	8 Wheel Drive; 4 Wheel Steering	
Crew:	2 + 9-man Squad	

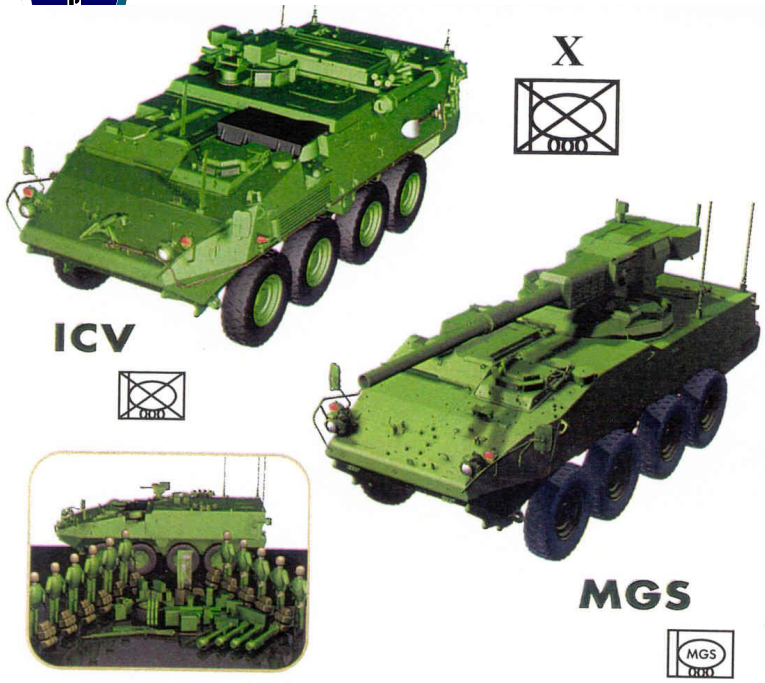

Mobile Gun System (MGS) - 27

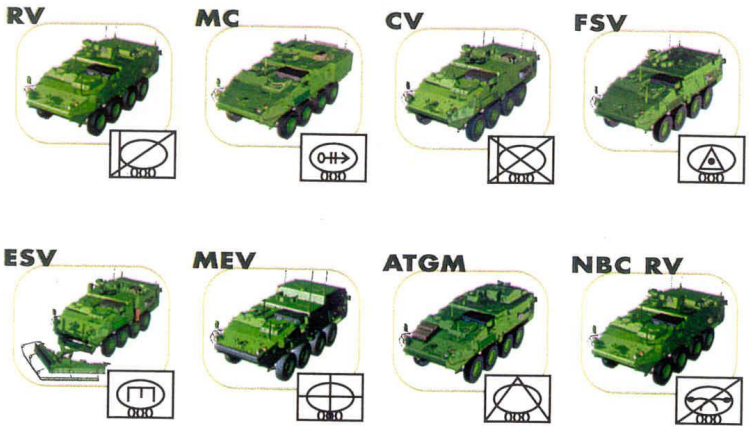

NBC Recon Veh (NBCRV) - 3


120mm Mounted Mortar Carrier (MC-B) - 36


Anti Tank Guided Missile (ATGM) - 9

The Stryker Family





Infantry Carrier Vehicle (ICV)

- LAV III Chassis
- 8x8 Wheeled w/CTIS & Run Flat
- High Hard Steel Structure
- Remote Weapon Station with cal .50 MG or MK19 40mm

Mobile Gun System (MGS)

- LAV III Chassis
- Low Profile Turret
- M68A1 Cannon w/Autoloader
- Full Solution Fire Control

Brigade Configuration

	Qty Per Bde	ORF
ICV	128	2
ATGM	9	1
MC-B	36	1
RV	51	1
FSV	13	1
ESV	12	1
CV	27	1
MEV	16	0
NBCRV	3	0
MGS	27	2
	322	10

322
+ RTNs
+ TACP
+ EN PLs
+ EN Cdr

INFANTRY CARRIER VEHICLE

Armament
RWS (50 Cal or MK 19)
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Survivability
High Hard Steel Structure
Protection: 14.5mm
RPG w/ add on armor
Spall Liner

C2
SINCGARS
FBCB2
EPLRS
GPS
VIS/VIC

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Key Characteristics

Configuration:	Combat (inches)	Shipping (inches)
Height:	122.88	103.6
Width:	116.43	112.8
Length:	286.3	286.5

Manufactured by: General Dynamics Land Systems

Crew: 2

Squad: 9-man

Common STRYKER Characteristics:

Engine: 350 hp JP-8/Diesel

Transmission: Allison; Six FWD Speeds, One Reverse

Brakes: Full Air, Wedge Actuated w/ABS on 2&3 Axles

Drivetrain/Suspension: 4&8 Wheel Drive; 4 Wheel Steer

Driver s Vision Enhancement (DVE) – Night IR Camera

Integrated Electronic Technical Manual

Embedded Training Module

Remot

COMMANDER'S VEHICLE

Armament
RWS (50 Cal)
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Survivability
High Hard Steel Structure
Protection: 14.5mm
RPG w/ add on armor
Spall Liner

C2
ABCS (MCS, AFATDS, ASAS)
SINCGARS, EPLRS
FBCB2
GPS
NTDR
VIS/VIC
SATCOM w/SOTM, HF Radio

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Key Characteristics

Configuration:	Combat (inches)	Shipping (inches)
Height:	122.88	103.65
Width:	116.43	112.8
Length:	290	290
Crew:	2 + 3	

The Upper Tactical Internet (TI) provides connectivity between SBCT Battalion/Squadron TOCs, mobile CMD nodes, and Brigade TOCs. The NTDR network provides link between Upper and Lower TI facilitating the exchange of ABCS (ASAS and MCS) information between TOCs at all levels.

The Lower TI digital backbone connects all FBCB2 equipped platforms and local unit TOCs via EPLRS and SINCGARS networks.

ABCS Upper TI systems include:

- **All Source Analysis System (ASAS): ASAS receives processes large volumes of combat information, and sensor reports, including external sources. Provides targeting information, intelligence products and threat alerts.**
- **Maneuver Control System (MCS): MCS provides commanders ability to control OPS and develop/distribute plans, orders, and estimates for future OPS.**
- **Advanced Field Artillery Tactical Data System (AFATDS): AFATDS provides fully integrated FS C2 System that gives the Brigade Effects Coordination Officer (ECOORD) automated support for planning, coordinating, control, and execution of close support, counterfire, interdiction, and Joint Suppression of Enemy Air Defense (JSEAD) fires and effects.**

MEDICAL EVACUATION VEHICLE

Armament
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Survivability
High Hard Steel Structure
Protection: 14.5mm
Spall Liner

C2
SINCGARS
FBCB2
EPLRS
GPS
VIS/VIC

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Key Characteristics

	Combat (inches)	Shipping (inches)
Height:	101.65	93.78
Width:	114.39	106.39
Length:	275.83	275.83

Crew: 3
Medics Aide

4 Litter Patients with Litter Lift System
6 Ambulatory Patients
Patient stability, life support and monitoring systems:
On board O_2
MC4 – Hand Held

Interior LED dome and task lights

Air Conditioning kit being applied

High deck roof for easier access to patients

ENGINEER SQUAD VEHICLE

Armament
RWS (50 Cal)
Smoke

Mobility / Mobility w/ MEP
Top Speed – 60 mph / 60 mph
50m Dash – 9 sec. / 9 sec.
Wheel Clearance – 21 in / 21 in
Vertical Climb – 23 in / 18 in
Gap Crossing – 78 in / 42 in
Range – 330 miles / 325 miles
Winch: Self Recovery

Survivability
High Hard Steel Structure
Protection: 14.5mm
Spall Liner

C2
SINCGARS
FBCB2
EPLRS
GPS
VIS/VIC

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Key Characteristics

Configuration:	Combat (inches)	Shipping (inches)
Height:	125.1	105.7
Width:	153.6	112.0
Length:	298.5 (w/o MEP)	287.9

Crew: 2 + 6

Mission Equipment Package:

SMP-Surface Mine Plow

MR-Mine Roller

SOB - Straight Obstacle Blade

AMP – Angled Mine Plow

MSD - Magnetic Signature Duplicator (Stand off = + / - 2 m)

LMS - Lane Marking System for proofed lane identification

Lane Width 113 in / 126 in / Clearing Speed: 8-10 mph

RECONNAISSANCE VEHICLE

Armament
50 Cal or Mk 19 on
Power Assist Cupola
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Survivability
High Hard Steel Structure
Protection: 14.5mm
RPG w/ add on armor
Spall Liner

C2
SINCGARS
FBCB2
GPS
VIS/VIC

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Key Characteristics

Configuration:	Combat (inches)	Shipping (inches)
Height:	128.4	103.8
Width:	153.6	112.0
Length:	287.9	287.9

RSTA Squad: 4
Crew: 2
Intel Augmentee: 1

Long Range Advanced Scout Surveillance System (LRAS3)

Provides long range infrared target detection and identification.

Uses serial connectivity to FBCB2 for SPOT reporting

Common LRAS3 sensor across Army for reconnaissance

FIRE SUPPORT VEHICLE

Armament
50 Cal on Power Assist Cupola
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Survivability
High Hard Steel Structure
Protection: 14.5mm
RPG w/ add on armor
Spall Liner

C2
SINCGARS
FBCB2
GPS
VIS/VIC

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Key Characteristics

Configuration:	Combat (inches)	Shipping (inches)
Height:	128.4	103.8
Width:	153.6	112.0
Length:	287.9	287.9

Crew: 4

Automated FIST C2 functions for Fire Support planning, processing and executing. Far target recognition, location, and identification

FS3 consists of the LRAS3 w/ Laser Designation Module (LDM) and is common sensor with RV.

M707 Knight Mission Equipment Package

SCU provides connectivity between FBCB2 and AFATDS

ANTI TANK GUIDED MISSILE

Armament
TOW Family of Missiles
M240B MG on folding mount
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Lethality
Family of TOW Missiles
Target Acquisition: Day
Camera or Second Generation FLIR

Survivability
High Hard Steel Structure
Protection: 14.5mm
RPG w/ add on armor
Spall Liner

C2
SINCGARS, FBCB2, EPLRS
GPS, VIS / VIC

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Key Characteristics

Configuration:	Combat (inches)	Shipping (inches)
Height:	137	106
Width:	153	113
Length:	287	287

Crew: 4

Carries 10 TOW Missiles plus 2 Ready Rounds

Fires from under armor with minimal crew exposure at reload

Mounts M240B with folding mount for TOW firing

Uses Modified Improved Target Acquisition System (MITAS) with common sight picture to ITAS.

STRYKER Unique folding Antenna design

MORTAR CARRIER

Armament
120mm RMS / M240B MG
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Lethality
RSTA, BTLN, and CO: Mounted 120mm Mortar
BTLN: Adds dismounted 81mm mortar
CO: Adds dismounted 60mm mortar

Survivability
High Hard Steel Structure
Protection: 14.5mm
Spall Liner

C2
SINCGARS, FBCB2, EPLRS
GPS, VIS / VIC, MFCS

Deployability
C-130 – 1 ea
C-17 – 3 ea
C-5 – 4 ea

Ammunition Stowage
RSTA 120: 60
BTLN: 120/81 – 48/35
CO: 120/60 – 48/77

Key Characteristics

	Combat (inches)	Shipping (inches)
Height:	125	106
Width:	153	107 (boxes removed)
Length:	297	287

Configuration: **120 mm Recoil Mortar System; mounted with soft recoil**

Mounts Mortar Fire Control System computer; Receives digital fire missions and provides gun as FDC capability.

Fires all US 120 mm Mortar rounds

Initial Fire rate - 16 Rounds per minute

Crew: 5

Sustained Fire Rate – 4 Rounds per minute (up to 60 rnd)

NBC RECONNAISSANCE VEHICLE

Key Characteristics: (NBCRV Configuration)

Configuration	Combat (inches)	Shipping (inches)
Height:	126.4 in	103.6 in
Width:	134.1 in	109 in
Length:	290.6 in	289 in

Engine: 350 hp JP-8/ Diesel (Caterpillar)

Transmission: Allison, 6 Speed Automatic

Brakes: 5 inch ABS

Other: 8 Wheel Drive; 4 Wheel Steering

Crew: 4

Design: GDLS

Assembly: EMD- GDLS
Sterling/ Prod'n - ANAD

HULL
Lower: LONDON

Upper: LIMA

C2
SINCGARS
EPLRS
GPS
FBCB2

Deployability
C 130 – 1 ea
C 17 – 3 ea
C - 5 – 4 ea

Armament
RWS (50 Cal)
Smoke

Mobility
Top Speed – 60 mph
50m Dash – 9 sec.
Wheel Clearance – 21 in
Vertical Climb – 23 in
Gap Crossing – 78 in
Range – 330 miles (Cbt Ops)
Winch: Self Recovery

Survivability
High Hard Steel Structure
Protection: 14.5mm
Spall Liner
RPG w/add on SLAT

NBC Sensor Components
Chemical Biological Mass Spectrometer (CBMS)
Joint Biological Point Detection System (JBPDS)
Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD)
NBC Sensor Processing Group (including METSMAN)
Chemical Vapor Sampling System (CVSS)
Automatic Chemical Agent Detection Alarm (ACADA)
Radiation, Detection, Identification and Computation (RADIAC)

MGS Stryker Capability

PAX
- 1 x Vehicle Commander
- 1 x Driver
- 1 x Gunner

ARMAMENT
- 105mm Main Gun
- 1 x M2 MG on VC station
- 1 x M240 7.62mm MG (coax)
- 2 x M6 Smoke Grenade Launchers
- Stowed Ammo: 18 105mm MG rounds, 3400 x 7.62 rnds, 400 x .50 cal rnds, 16 x 66mm Smoke Grenades

PERFORMANCE
- 4 types of 105mm tactical ammunition
  - HE (high explosive) to destroy hardened enemy bunkers, MG and sniper positions, and to create openings in walls for dismounted infantry
  - KE (kinetic energy) to destroy a variety of Level II armoed vehicles
  - HEAT (high explosive anti-tank) to destroy a variety of thin-skinned vehicles and provide fragmentation effects
  - AP (anti-personnel canister) to defeat attacking dismounted infantry in the open
- Maximum speed 60 MPH
- Maximum range 330 KM (40 MPH)
- Tires Central Tire Inflation System with run flats
- Hydraulic self recovery winch
- NBC detectors and ventilated face mask system

SURVIVABILITY
- High hard steel structure
- MEXAS ceramic layer
- IBD passive RPG add-on ·

AIR TRANSPORTABLE
- C-130 (1 x Stryker)
- C-17 (2 x Stryker)
- C-5A (3 x Stryker)

COMMUNICATIONS
- FBCB2/EPLRS
- GPS PLGR
- SINCGARS radio

OPTICS
- Main Gun FLIR
- Commander's Panoramic Viewer (CPV)
- Driver Vehicle Enhancement (DVE) Screen
- 15 M45 Periscopes (3 Driver, 4 Gunner, 8 VC)

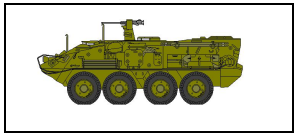
Combat Vehicle Lift Comparisons

H - 290ea / J - 65ea

C-130 H/J*

480” long
119” wide
108” high

“H” MAX: 40,500 lbs
“J” MAX: 42,000 lbs



C-17* 157ea

784” long
216” wide
148” high fwd of wing
162” high aft of wing

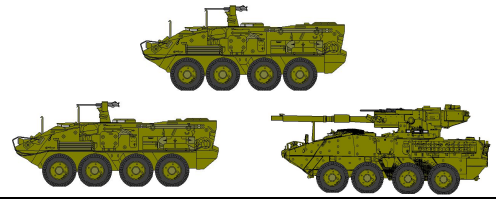
MAX: 150,000 lbs

C-5* 111ea

1,454” long
216” wide
156” high

MAX: 264,000 lbs

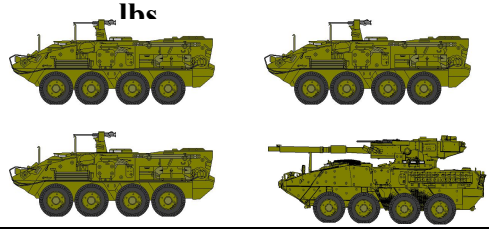
3,200 NM Critical Deployment Leg
Payload 130, 000 lbs



OR

OR

3,200 NM Critical Deployment Leg
Payload 180,000 lbs

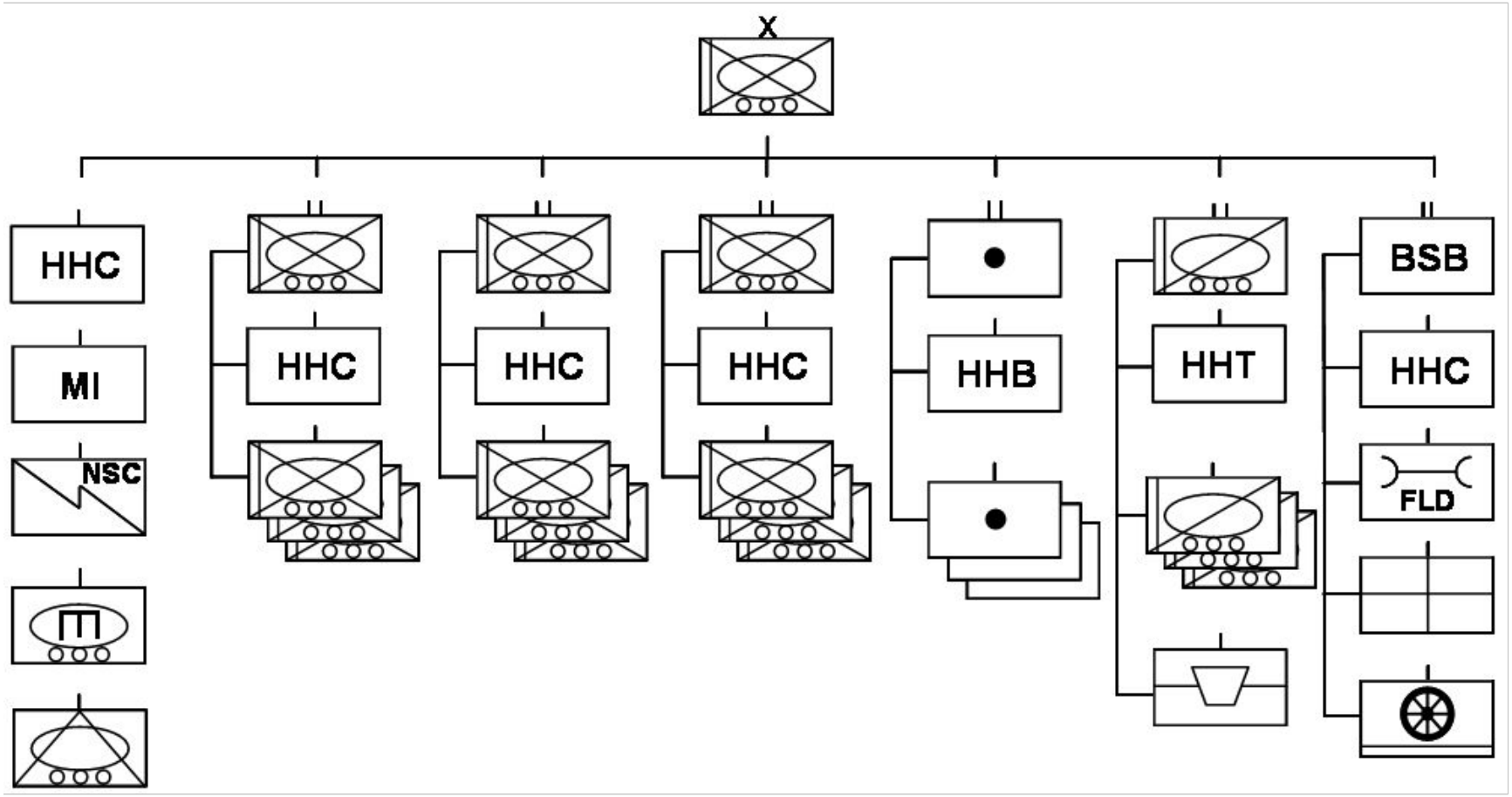


OR

OR

All dimensions are actual physical limits. Six inches of clearance is needed between vehicles and aircraft structure

SBCT Organization



FM 3-90.6 APP A, p A-7

Stryker Brigade Combat Team

~4K Soldiers

HHC — Headquarters | RSTA | Infantry Battalions | Fires Battalion | SPT — Support Battalion | Anti-Tank Company | Engineer Company

Stryker HQs

- Increased Staff
- C2 Enhancements
- Deputy Commander
- PSYOPS/Civil Affairs
- Aviation & Air Defense

HHC
- Military Police C2 Cell

Signal Company
- Voice and Data Network Operations Spt

Battle Command:
Networked Battle Command Enabling Systems.

Recon Squadron

3 x Recce Troops
* 3 x Recce PLTs
- Stryker-RV
- LRAS3
- Recce HUMINT
- CHATS / ITRT
* 3 x Mortar Sect (1
20m
3 x TACP

1 x Surveillance Troop
* 1 x TUAV PLT
- 4 x Shadow 200
* 1 x MS PLT
- 3 x PR

- 3 x GSR / REMBASS
* 1 x NBC Recon

Infantry Battalions (x 3)

3 x ICV Companies
3 x MGS Platoons
1 x Mortar Platoon
1 x Scout Platoon

Over 127 Infantry Carrier Vehicles

14 X 120mm Mortar Carriers

27 X Mobile Gun System

Snipers: SQDs at BN / TMs at CO

Military Intel CO

* Integration & Analysis PLT
- Trojan Spirit
- Common Ground Station
* HUMINT PLT
- TACHUMINT Teams (CHATS)
- Operational Mgt Teams (CHIMS)

Target Acquisition

Counterfire and Counter-Mortar Radars

Target Acquisition Platoon

Fires Battalion

Joint Fires Cell
5 x Joint Tactical Air Control Parties (Infantry, Recon Battalions and Brigades)

18 x 155mm Howitzer (3 Batteries)

Anti-Tank Company

9 Stryker Anti-Tank vehicles

Engineer Company

9 Engineer Squads
3 Mobility Squads w/ Various Equipment

Support Battalion

Distribution Company

Medical Company

Maintenance Company

SBCT Capabilities

- Three infantry battalions for maneuver (vs. only two in the HBCT and IBCT)
- Infantry battalions contain organic armor in their MGS platoons
- In-theater mobility
- Lower usage rate of class III supplies than the HBCT, with nearly the same mobility
- Greater survivability than an IBCT
- Ability to conduct forced entry or early entry operations.
- RS with organic HUMINT Soldiers.

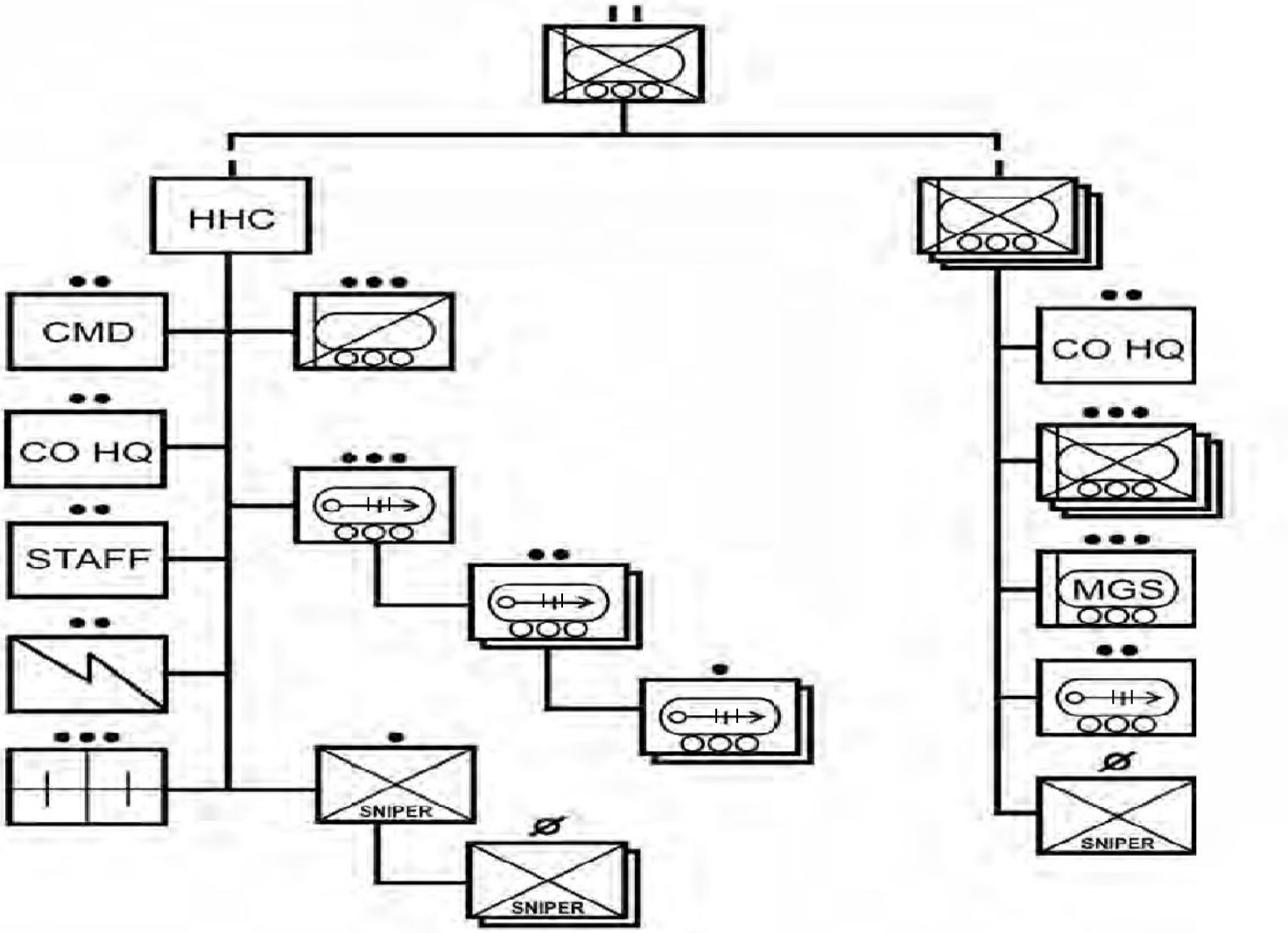
FM 3-90.6 APP A, p A-9

SBCT Limitations

- The SBCT does not have the firepower or inherent protection of HBCTs
- The SBCT requires more aircraft to deploy than an IBCT
- The BSB does not have FSCs for each maneuver battalion
- Possesses no organic gap crossing capability
- There is no BSTB for C2 of brigade troops

FM 3-90.6 APP A, p A-9

SBCT Battalion Organization



FM 3-21.21, p 1-6

SBCT IN Battalion Capabilities

- Conduct offensive, defensive, stability, and support operations in all environments across the spectrum of conflict.
- Screen and guard friendly units.
- Exploit success and pursue a defeated enemy as part of a larger formation.
- Tactically mobile.
- Seize, secure, occupy, and retain terrain.
- Destroy, neutralize, suppress, interdict, disrupt, block, canalize, and fix enemy forces.
- Breach enemy obstacles.
- Feint and demonstrate to deceive the enemy.
- Reconnoiter, deny, bypass, clear, contain, and isolate (terrain or enemy).
- Operate in conjunction with IBCT/HBCT, joint, coalition, interagency, multinational, or special operating forces.
- Conduct small-scale operations in all types of environments.
- Conduct amphibious and air assault operations.
- Conduct sustained combat operations for 72 hours in all environments.

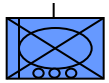
FM 3-21.21, p 1-5

SBCT Battalion Limitations

- Vulnerable to enemy direct fires, NBC, and enemy air.
- Austere CSS structure may require external support for full-spectrum operations.
- Dense jungles and forests, very steep and rugged terrain, and significant water obstacles.
- Vehicles are designed for transport more than direct fires engagement against conventional forces.
- Reduced C2 during dismounted operations.
- Consumption of supply items is high, especially Classes III, V, and IX.

FM 3-21.21, p 1-5

Rifle Company Task Organization



WEAPON SYSTEMS

M4 x 156 M9 x 20 M14 x 9 M24 x 1 M203 x 19 M249 x 18 M107 x 1 M240 x 11 Javelin x 9

M2 x 20 MK19 x 6 60mm x 2 120mm x 2 PEQ-2A – 104 PAC-4 – 66 AN/PVS-14 – 83 AN/PVS-7B - 83

PERSONNEL

CO CDR XO 1SG PL (IN) X 3 PL (AR) X 1 PSG x 4 SQD LDR x 13 FIRE TL x 18 AUTO RIFLE x 18 GRENADIER x 18

RIFLEMAN x 18 MORTAR MAN x 10 MGS x 11 SNIPERS x 3 FSO FO x 3 NBC NCO SUPPLY NCO ARMORER

CO HQ SECTION

CO CDR'S STRYKER ICV (M2)

CO XO'S STRYKER ICV (M2)

STRYKER FSV

DVR VC

DVR VC XO

DVR FSO FSNCO RTO

CO CDR RTO RTO

1SG SUPPLY SGT COMM O SGT NBC SGT ARMORER

MEDIC ATTACHMENT

STRYKER MEV

DVR VC MED MED

MORTAR SECTION

DVR

STRYKER MC-B W/ M121 120mm SULTAN MTR (MOUNTED)

M224 60mm MTR (DISMOUNTED)

SECTION LDR GNR AG AG

DVR

STRYKER MC-B W/ M121 120mm SULTAN MTR (MOUNTED)

M224 60mm MTR (DISMOUNTED)

SECTION LDR GNR AG AG

MGS PLATOON

STRYKER ATGM

STRYKER ATGM

STRYKER ATGM

PL DVR GNR AG

PSG DVR GNR AG

SL DVR GNR AG

SNIPER TEAM

SNIPER XM107 SNIPER M24 SNIPER M203

RIFLE PLATOON (x 3)

STRYKER ICV (M2) STRYKER ICV (MK19) STRYKER ICV (M2) STRYKER ICV (MK19)

DVR VC DVR VC DVR VC DVR VC

PLT HQ PL PSG RTO FO

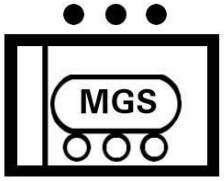
RIFLE SQD'S (x3)

SL M4 TL M4 G M203 AR M249 R/AT M4 TL M4 G M203 AR M249 DM M4

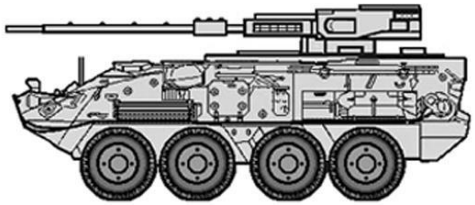
WPNS SQD

SL M4 MG M240 AG M4 AB M4 MG M240 AG M4 AB M4

SBCT MGS Platoon Organization



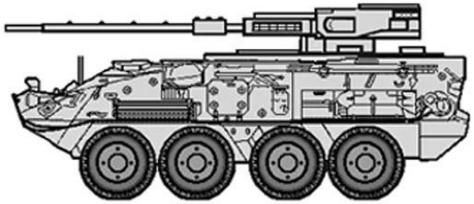
105MM MAIN GUN
.50 CAL MACHINE GUN
7.62MM MACHINE GUN



MGS 1

PLATOON LEADER
GUNNER
DRIVER

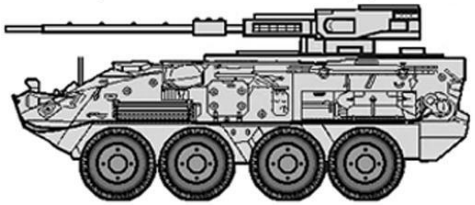
105MM MAIN GUN
.50 CAL MACHINE GUN
7.62MM MACHINE GUN



MGS 3

PLATOON SERGEANT
GUNNER
DRIVER

105MM MAIN GUN
.50 CAL MACHINE GUN
7.62MM MACHINE GUN



MGS 2

VEHICLE COMMANDER
GUNNER
DRIVER

FM 3-21.11, p 1-11

HHC Composition

- 1 x Mortar Platoon
  - 4 x Mortar Carrier Strykers (MCV-B Variant)
  - 4 x 81mm mortars, 4 x 120mm mortars
- 1 x Recon Platoon
  - 4 x Recon Strykers – LRAS equipped
- 1 x Medical Platoon
  - 1 x MEV (3x MEVs detached – 1 MEV to each IN company)
- 1 x Sniper Squad (2 x 3-man sniper teams)
- 1 x TAC (2x Command Variant Strykers – BC, S3)
- 1 x JTAC Team with Stryker
- 1 x ORF Stryker (FSV)

Shoot

- Combined Arms down to the company level
  - MGS PLT equipped with ITAS and TOW-2B missiles
  - 2 M2 .50 cal MG and 2 MK-19 per infantry platoon
  - 1 Javelin anti-armor missile per rifle squad
  - Snipers at Company level
    - Company sniper teams
    - Squad Designated marksman
  - Organic FIST teams
  - Mortars at company level
    - 120 mm x 2
    - 60 mm x 2

Move

Stryker Data:

- **Height: 2.64 m (8.72 ft)**
- **Width: 2.72 m (8.97 ft)**
- **Combat Weight: 22 tons**
- **Cruising range: 330 miles**
- **Top speed: 60-70 mph**
- **Fuel capacity: 50 gal.**
- **Mileage: 6.6 mpg**
- **Central Tire Inflation System (CTIS) allows vehicle to keep moving with up to four tires destroyed**

Communicate

- TOC: ABCS based, FBCB2 / MCS centric *unable to message to or from BFT / 4ID FBCB2 systems due to incompatible software versions and database issues, SATCOM, HF voice / chat, FM, SIPR, NIPR
- TAC: SATCOM on the move, HF, FBCB2, SIPR over Near-Term Digital Radio (NTDR), MCS
- STRYKER C4ISR equipment

FBCB2
PM FBCB2
On Hand

SINCGARS ASIP
With INC
PM TRCS
On Hand

PLGR
PM GPS
On Hand

EPLRS
PM TRCS
On Hand

Combat Service & Support

CL1: Stryker BN carries 3DOS MREs and 3DOS Water Bottles to the fight. Planning factor of 700 personnel.

CL3b:

- **Capacity**: Stryker tank is 53 gallons of JP8, in addition we carry (2) fuel cans for a maximum capacity of 63 gallons per Stryker.
- **Consumption**: approx 5mpg while moving with full combat load under normal driving conditions.
- Range: 265 miles on a full tank; 315 miles on a full tank and (2) fuel cans, or approx 3 days when idling with minimal movement.
- **BN re-supply**: A Stryker BN (75 Strykers) requires 4,000 gallons to refuel all Strykers or 4,750 gallons to fill all Strykers and fuel cans.

CL3p: The Stryker 3DOS basic load is as follows:

STRYKER ABL			Stryker (ea)	Company (20)	Battalion (75)
NOUN	**TYPE**	**NSN**	**UI**	**UI**	**UI**
ENGINE	15W40	9150-01-438-6076	6 QT	120	450
TRANSMISSION	DEXTRON III	9150-01-353-4799	2 QT	40	150
HYDRAULICS:	MIL 5606	9150-00-252-6383	2 QT	40	150
GEAR OIL:	80W90	9150-01-035-5392	1QT	20	75
COOLANT	ANTI-FREEZE	6850-01-464-9125	1 Gallon	80	75

- **Rate of CL3p Consumption:** The Stryker will consume 1.5 quarts of 1540 per day under normal operations. This equals about 30 gallons of 1540 per day consumed by a BN.
- **Contingencies:** We maintain an additional 3 DOS of 1540 engine oil, coolant, and 5606 hydraulic fluid on our LHS for contingencies; these are the fluids that most likely require mass replacement.

CL4: Carried on Strykers

CL5: ABL carried on Strykers


QUESTIONS?
GALVACH
SAADAT