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Date 31 January 2011

Dear

## **MOD EVIDENCE – EQUIPMENT ISSUES**

In her letter of 8 December to Jonathan Duke-Evans, Margaret Aldred asked several questions about Support Helicopters, one of which was:

*What are the MoD's generic planning assumptions for the numbers and type of support helicopters which would deploy with a medium scale ground force?*

Staff in our Strategy Management branch have provided the attached papers, which are an extract from 'The Studies Assumptions Group, Scenarios and Assumptions for Study, Issue 5, D/DFD/10/2/3 dated 15 September 2003'

I hope this is helpful. We are continuing to work on the outstanding questions.

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**ANNEX H – MAXIMUM SCALES OF EFFORT{ XE "Maximum Scales of Effort, definitions of for use within STP period"} & PERMANENTLY COMMITTED FORCES{ XE "Permanently Committed Forces" }**

H1. This annex contains definitions of the maximum scales of effort (Table H1) and forces that are permanently committed to Standing Strategic Tasks and Standing Home and Overseas Commitments (Table H2). This information is correct at time of publication, but studies must ensure that they are using the most up to date information, which is available from D Def RP. The guidance contained at Annex B, para B9 (and page 24 on Maximum scale) should be consulted before using the definitions of maximum scale given below.

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**TABLE H1: Definition of Maximum Scales of Effort**

Scale (a)	Maritime (b)	Land (c)	Air (d)	(e)	C4 and ISTAR (f)	Logistics (incl Strategic Enablers) (g)
SMALL	2 Major Warships 1 Cdo BG 2 Nimrod MR	1 Bde HQ (elements) 1 BG Composite CS and CSS units 8 Heavy SH 18 Medium SH 16 Light SH [AH TBC]]	10 FJ 1 <sup>st</sup> & 2 <sup>nd</sup> Line Sqn Support 3 AAR	1 Sqn Elements: OSE/Mar Sqn/ 2 Chinook ( ) 2 LUH ( ) 2 Hercules Cat 2 Spt	Work Jt 2* Cmd 1* JF Cmd  ISTAR: Air x 9 EW x 3 FHT x 1 Global Survey INTEL: OISG x 1 Jt C4: IS Platforms x 310 Strategic Comms: SHF SATCOM x 11 LWRN x 10 UHF Chan x 2	DOB (0-1) 1 APOD(Small) 1 SPOD (Small) 1 SOB (well-found) 1 Staging Airfield (well- found) JFLogC/NSE 1 FLS 2 RFA Multi (or 2 RFA Tankers + 1 RFA Solids) 2 ALSL 1 RoRo 52 AT <sup>49</sup> Theatre Enablers <sup>50</sup> 25-bed Fd Hospital UK Enablers <sup>51</sup>

<sup>49</sup> Number of strategic lift assets allocated will depend on the timescale given to deploy the FEs & equipment/stores into theatre (ie, the Type of Operation may permit days for deployment which could be achieved using minimum strategic-lift assets. However, the policy of "Early-In" of a credible force (deploy lead Task Force with a small scale ground component (Battle Group size) within days – UK Force Projection Study) will require the allocation of all available strategic airlift assets. The current maximum (allowing for aircraft availability) would be 52 AT (comprising 45 of 51 C-130, 4 of 4 C-17, 3 of 3 C2 Tristars (other 6 dedicated to AAR)). Possible future force structure results in maximum 52AT (19 of 19 C-130J, 25 of 25 A400M and possible 8 of 8 C-17 [one of several options not yet agreed/funded]). Therefore, the figures shown in this table are indicative only.

<sup>50</sup> The term Theatre Enablers is used to represent the FEs which provide logistics support to the deployed forces in the theatre of operation. These FEs operate and protect the APOD, SPOD, DOB/FMB, SOB and SA facilities (these include: RAF Regt Field Sqns and GBAD Sqns, Elements of 104 Log Bde (Port & Maritime, transport & movements, postal/courier and field admin), Elms of 84 Medical Supply Sqn, 4 UK MAMS and Mobile Catering Unit). They also include those FEs responsible for operating the Lines of Communication (ie, Elms of RAF Expeditionary Logs Wg and RAF Tactical Provost Wg).

<sup>51</sup> The term UK-Enablers is used to represent the FEs which provide essential logistics support to operations at the Home Base. They include those FEs required to outload stock from depots, transport units and those required to operate the APOD and SPOD (ie: elms 104 Logs Bde & UK MAMS).

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MEDIUM	1 CVS/CVF 9 DD/FF 2 SSN Cdo Bde 4 Nimrod MR 8 MM	Div HQ (elements) 1 Bde of 4 BGs Assigned CS & appropriate 2 <sup>nd</sup> line CSS 21 Heavy SH 41 Medium SH 44 Light SH [AH TBC] Div CS & 2 <sup>nd</sup> Line CSS	48 FJ (up to 12 AD) 1 <sup>st</sup> & 2 <sup>nd</sup> Line Sqn Support 12 AAR	TG Level 2 TGHQ 3 Sqn Elements OSE/Mar Sqn  4 Chinook ( 2 LUH 6 Hercules Cat 2 Supt	F'work Jt 3* Cmd 1* JF Cmd  ISTAR: Air x 22 EW x 7 FHT x 3 plus HQ Global Survey INTEL: OISG/CSG x 2 Jt C4: IS Platforms x 700 Strategic Comms: SHF SATCOM x 14 LWRN x 17 UHF Chan x 12	1 APOD (Medium) 1 SPOD (Medium) DOB (1-2) FMB (0-1) 1 SOB (well-found) 1 Staging Airfield (well-found) JFLog C/NSE 1 FLS 3 RFA Tankers 1 RFA Multi 1 RFA Solids 4 ALSL 1 FRS 3 RoRo 52 AT <sup>52</sup> Log Bde <sup>53</sup> Theatre Enablers <sup>54</sup> UK Enablers <sup>55</sup> PCRC 4 Fd Hospitals Med Supply Sqn
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<sup>52</sup> See note 40. Small Scale of Effort.

<sup>53</sup> The Log Bde referred to provide in-theatre logistics support capability to the deployed combat Bdes. This capability is provided by 101 and 102 Log Bdes.

<sup>54</sup> The term Theatre Enablers is used to represent the FEs which provide logistics support to the deployed forces in the theatre of operation. These FEs operate and protect the APOD, SPOD, DOB/FMB, SOB and SA facilities (these include: RAF Regt Field Sqns and GBAD Sqns, Elements of 104 Log Bde (Port & Maritime, transport & movements, postal/courier and field admin), Elms of 84 Medical Supply Sqn, 6 UK MAMS and Mobile Catering Unit). They also include those FEs responsible for operating the Lines Of Communication (ie, Elms of RAF Expeditionary Logs Wg and RAF Tactical Provost Wg).

<sup>55</sup> The term UK-Enablers is used to represent the FEs which provide essential logistics support to operations at the Home Base. They include those FEs required to outload stock from depots, transport units and those required to operate the APOD and SPOD (ie: elms 104 Logs Bde & UK MAMS).

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LARGE	2 CVS/ICVF 16 Major (Up to 3 SSN, up to 12 DD/FF) 8 Nimrod MR Cdo Bde 10 MM OMAR	1 Div of 3 Bdes (2 Armd) 16 AA Bde HQ ARRC GP ARRC Corps Troops 29 Heavy SH 52 Medium SH 60 Light SH (AH TBC)	80 FJ (Min 8 AD up to 24 AD) 12 FJ as organic AD for CVF 1 <sup>st</sup> & 2 <sup>nd</sup> Line Sqn Support 23 AAR	TF Level 3 TGHQ  OSE Mar Sp Sqn  6 Chinook 4 LUH 8 Hercules Cat 2 Spt	F'work Jt 3* Cmd 2* JF Cmd  ISTAR: Air x 22 EW x 12 FHT x 5 plus HQ Global Survey INTEL: OISG/CSG x 2 Jt C4: IS Platforms x 1500 Strategic Comms: SHF SATCOM x 20 LWRN x 30 UHF Chan x 16	1 SPOD (Large) 1 APOD (Large) 3 DOB 1 FMB 1 SOB 1 SA JFLogC/NSE 1 FLS 4 RFA Tankers 2 RFA Multi 3 RFA Solids 4 ALSL 1 FRS 6 RoRo 52AT <sup>56</sup> JFLogC HQ Log Bde <sup>57</sup> Theatre Enablers <sup>58</sup> UK Enablers PCRC 5 Fd Hospitals Med Supply Sqn 3 Casevac Sqn
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<sup>56</sup> See note 40 for Small Scale of Effort.

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<sup>57</sup> The Log Bde referred to provide in-theatre logistics support capability to the deployed combat Bdes. This capability is provided by 101 and 102 Log Bdes.

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