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 MARINE FORCES RESERVE
 NEW ORLEANS, LOUISIANA
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7 ANNEX H TO COMMARFORRES M&FA PLAN (U)
 8 TIME PHASED FORCE DEPLOYMENT DATA (TPFDD) DEVELOPMENT (U)
 9

- 10 (U) REFERENCE: (a) JP 5-0, (Doctrine For Planning Joint Operations, 13
 11 Apr 1995)
 12 (b) CJCSM 3122.01A, (Joint Operation Planning And
 13 Execution System (JOPES) Volume 1 (Planning Policies
 14 And Procedures), 14 July 2000)
 15 (c) CJCSG 3122 (Time Phased Force Deployment Data (TPFDD)
 16 Primer), 01 Nov 2001
 17

18 1. (U) Background
 19

20 a. (U) The TPFDD is the process to deploy units or individual augments
 21 in support of directed exercises, all operations, contingencies, and during
 22 the involuntary recall of the Reserve component. All branches of the service
 23 and some DoD agencies utilize the TPFDD through the Joint Operation Planning
 24 and Execution System (JOPES) that is part of the Global Command and
 25 Communications System (GCCS).
 26

27 b. (U) Per refs a, b, and c, the TPFDD is the database portion of an
 28 Operation/Concept Plan or Exercise Plan, based upon that Plan's Annex A or
 29 supporting force list. It allows the Commander visibility of allocated
 30 forces and supplies, their arrival in the AOR as identified in the Plan, and
 31 determines the feasibility of planned movement of those forces and supplies.
 32 During deployment, it allows the transport agencies to acquire and schedule
 33 the lift assets needed to move the force. TPFDD information includes in-
 34 place units, prioritized arrival of units deployed to support the plan,
 35 routing of forces to be deployed, movement data associated with deploying
 36 forces, and estimates of transportation requirements.
 37

38 c. (U) The TPFDD also contains time-phased force data (Unit Line Number
 39 (ULN)), non-unit related cargo data (Cargo Increment Number (CIN)),
 40 replacement personnel data (Personnel Increment Number (PIN)), and movement
 41 data for the Plan.
 42

43 2. (U) General
 44

45 a. (U) For the Marine Corps, the TPFDD is the primary output of the
 46 Marine Air Ground Task Force II/Logistics Automated Information System
 47 (MAGTFII/LogAIS). The MAGTFII/LogAIS is uploaded into JOPES, then through
 48 the GCCS for visibility to the joint services and agencies.
 49

50 (1) (U) The MAGTFII/LogAIS is a microcomputer based planning system
 51 able to respond to a wide variety of operational requirements. It provides
 52 Marine Corps planners with an automated tool for force planning, force
 53 deployment, and accelerating the capability to develop and source forces of a
 54 TPFDD.
 55

56 (2) (U) The MAGTFII/LogAIS is used for deliberate and crisis action
 57 planning as well as exercises. Utilizing MAGTFII/LogAIS, Marine Corps

1 planners may develop force structure, tailor force lists, compute
2 sustainment, estimate and plan lift requirements, and generate TPFDD's.

3
4 b. (U) Refinement of the TPFDD is a continuous process until validation.
5 TPFDD'S are continually refined to reflect the actual personnel, equipment
6 (received via the MAGTF Deployment Support System II (MDSSII)), and
7 sustainment deployed, or to be deployed.

8
9 c. (U) Manipulation of the TPFDD may be required because of
10 unanticipated factors that can influence a situation, which will cause
11 necessary refinements, or revisions, to a Plan.

12
13 3. (U) TPFDD Development. The steps or phases of TPFDD development are: 1)
14 create the plan (deliberate or crisis), 2) set plan parameters, 3) task
15 organize and tailor the force, 4) echelon the force, 5, compute sustainment,
16 6) determine lift requirements/lift feasibility, 7) create the TPFDD, and 8)
17 Upload the TPFDD into JOPEs.

18
19 a. (U) Create the Plan (Deliberate or Crisis)

20
21 (1) (U) Phasing or echeloning of forces (personnel, supplies, and
22 equipment) must be planned, prioritized, and timed by the G/S-3 to support
23 the concept of employment. The commander's constraints are usually force and
24 sustainment availability, lift, and port or base throughput. The following
25 terms are relevant to force movement planning.

26
27 (a) (U) Deployment - Movement of the force from its origin to
28 its final destination at the employment area.

29
30 (b) (U) Employment - The actual use of the force (exercise,
31 combat operations, show of force, etc.) to accomplish objectives.

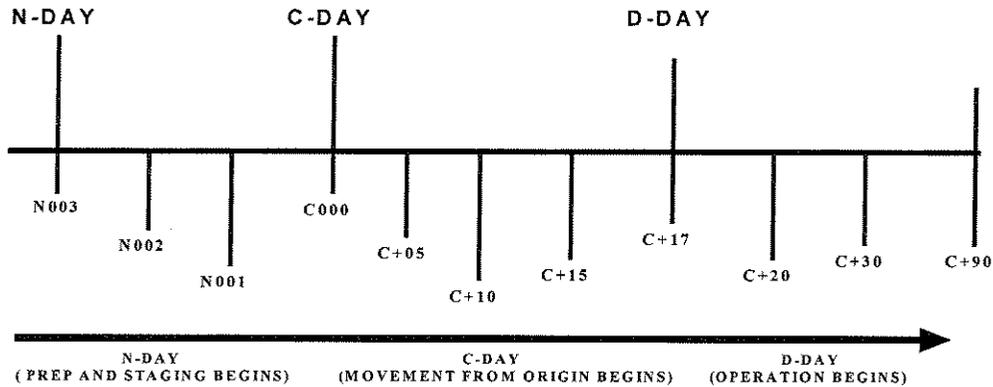
32
33 (c) (U) Re-deployment - Generally, the movement of the force
34 out of the area of operations and re-embarkation for return to home
35 base/station. However it may also mean the transfer of a unit deployment in
36 one area to another area in the same theater.

37
38 (2) (U) Planning considerations involve task organization, force
39 echeloning, sustainment determination, and lift estimation/feasibility of the
40 TPFDD.

41
42 b. (U) Set Plan Parameters. During planning, "Dates" for movement
43 activities are scheduled to occur on a certain "day", but until execution is
44 ordered there are no actual dates assigned. In place of actual dates, N, C
45 and D-Days are assigned which provide the planners a time frame of reference.
46 See figure below.



N-, C-, AND D-DAYS



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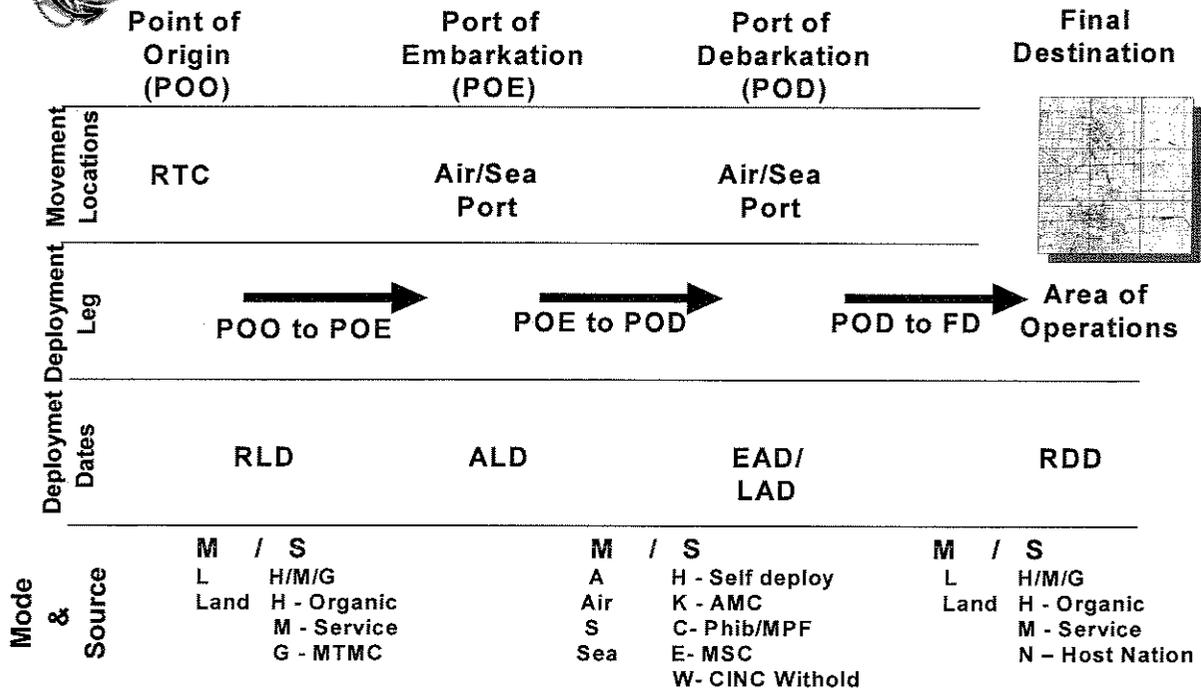
c. (U) Task Organize and Tailor the Force

(a) (U) Task Organization must be tailored in deliberate planning and crisis action planning; i.e., identification of actual units that comprise the Annex A, Task Organization of a Plan. The MAGTF commander and his staff prepare a task organization capable of accomplishing the mission's specific and implied tasks.

(b) (U) The following figure shows a TPFDD with terms describing points at which certain deployment activities between locations take place, to describe movement locations, deployment legs, deployment dates, transportation mode and source for lift, as defined in commonly used terms less N, C and D-Days.



Time Phased Force Deployment



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d. (U) Echelon the Force. It is not possible or desirable, in many cases to have all personnel, supplies, and equipment arrive in the operations area at the same time; these forces are "echeloned" or "phased" into the operations area. The commander establishes a priority of when particular capabilities are required in the employment area to support his concept of operations, and schedules forces to arrive in accordance with those priorities.

e. (U) Compute Sustainment. Once forces and their equipment are selected (task organized) and planning for echelon sequence into the battle area has been completed, the sustainment to support the entire plan is calculated.

f. (U) Determine Lift Requirements/Lift Feasibility. Lift requirements of the force are embedded in the TPFDD subject for review and action by the CINC and the Transportation Component Commands (TCC) of the United States Transportation Command (USTRANSCOM). A Transportation Feasibility Estimate of the TPFDD is conducted by the CINC to determine lift shortfalls and how best to allocate lift to mitigate the shortfalls. The TPFDD is then passed to USTRANSCOM who passes it to the TCC's to plan for the movement from a lift aspect. For example:

(1) (U) The Military Traffic Management Command (MTMC) plans, directs, and monitors all non-service and commercial surface and air movements within CONUS and is responsible for operating common user ocean terminals.

1
2 (2) (U) The Military Sealift Command (MSC) directs the movement of
3 commercial type shipping to POE's to meet strategic sealift requirements.
4

5 (3) (U) The Air Mobility Command (AMC) plans and operates strategic
6 airlift using both military and commercial airplanes.
7

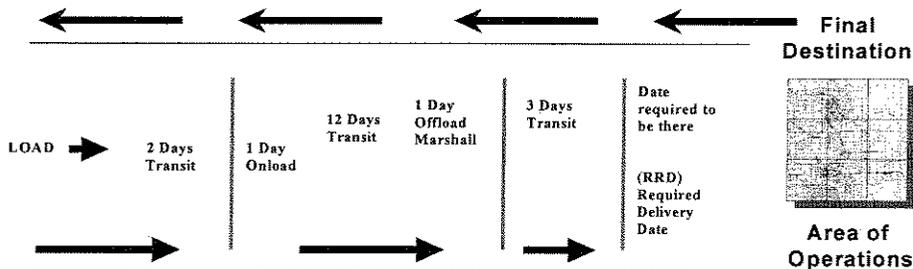
8 g. (U) Create the TPFDD
9

10 (1) (U) Based upon when the commander has determined that forces
11 must be in the operations area ready for employment, back planning of the
12 deployment is accomplished. The supported commander establishes a Required
13 Delivery Date (RRD) for forces at final destination. The G/S-3 must
14 calculate in reverse order, times required to complete each leg of the
15 deployment depending upon mode of transport for each leg. Times must be
16 calculated to determine the date a force must be ready to load (RLD) and
17 begin movement from it origin in order to get to the destination and unload
18 by the RDD. The times that must be calculated are the time to accomplish
19 embarkation/debarkation, time for marshalling/staging of forces and supplies,
20 and time at the POD/POE.
21

22 (2) (U) Back planning a deployment is illustrated in the graphic
23 below. C030 (30 days after C-Day) is the RRD. Through back planning, the
24 planner determines the unit must be ready to load at the origin on C004
25 (RLD). This gives the unit one day at the origin to load.
26



Back Planning For Deployment



RRD MUST BE MET

START FROM RRD AND WORK BACKWARDS

RESOLVE CONFLICTS AS REQUIRED

27
28
29 (3) (U) Throughout back planning, the planner must be aware that
30 competing demands are being made to mobilize, prepare for movement, and
31 transfer forces, equipment and supplies. Time must be planned for these
32 requirements, particularly at the embarkation end.
33

34 (4) (U) A good rule of thumb for planning is to establish a window
35 of opportunity whether real world, exercise, or using back planning for
36 course of action development. It is recommended that a planner use a 3-day

1 window for air movements and a 7-day window for sea movements (i.e. air
2 requirement EAD=7 and LAD=9, sea requirement EAD=10 and LAD=16).
3

4 (5) (U) Through echeloning and back planning, the commander has
5 determined how and when specific groupings of personnel, equipment, and/or
6 sustainment will be scheduled to the AOR. Each of these groupings is called
7 a "force requirement," a planner's term devised to aid in TPFDD development.
8 A force requirement may be any size, from a small detachment to a force many
9 times larger.

10
11 h. (U) Upload the TPFDD Into JOPEs
12

13 (1) (U) The automated planning system is a combination of planning
14 tools that support the FDP&E/TPFDD process.
15

16 (a) (U) The Global Command and Control System (GCCS) is an
17 automated information system designed to support deliberate and crisis
18 planning. GCCS is the embodiment of Command, Control, Communications,
19 Computers and Intelligence (C4I) for the Warrior Concept. The Joint Planning
20 and Execution Community (JPEC) is supported by the communications
21 connectivity that GCCS provides. The "point and click" access to secure
22 information pertaining to strategic movement of forces, employment of forces,
23 intelligence briefings, and e-mail improves planning and execution tasks and
24 the Warfighter's ability to manage and execute all operations.
25

26 (b) (U) The Marine Corps family of automated planning tools is
27 a deployable PC based system made up of MAGTFII/LogAIS, which comprises MDSS
28 II. This coordinated, mutually supporting automated system provides a means
29 to plan, execute, and employ in today's joint environment. These tools are
30 used to build the MAGTF plan for upload into JOPEs. At this point the MAGTF
31 plan becomes a TPFDD.
32

33 (c) (U) The MAGTF Deployment Support System (MDSS II) is the
34 unit commander's database and interface hub for the other system components.
35

36 (d) (U) Transportation Coordinators' Automated Information for
37 Movement System (TC AIMS) is the tool use for planning, coordinating, and
38 managing movement from point of origin through destination.
39

40 (e) (U) The Computer Aided Embarkation Management System
41 (CAEMS) is used to assist in the planning and execution of embarking ships.
42

43 (f) (U) The Asset Tracking logistics and Supply System (ATLASS
44 II) is used to manage retail supply.
45

46 (g) (U) The MAGTF Data Library (MDL) is used for data
47 standardization and data quality engineering.
48

49 (h) (U) The Joint Force Requirement Generator II (JFRG II) is
50 the next generation of a stand-alone, PC based JOINT automated planning
51 system, designed specifically to support both deliberate planning and crisis
52 action plans. It will be fielded in the near future replacing
53 MAGTFII/LOGAIS.
54

55 4. (U) FDP&E MANAGEMENT. A top-down/bottom-up process responsibilities are
56 shown in the below matrix.
57

1

Tool	MARFORRES		MSC		Units		Dets		Remarks
	G-5	G-4	G-3	G-4	S-3	S-4	S-3	S-4	
JOPEX (GCCS)	X/A	X/A	X/A	X/A	X/A	A	N/A	N/A	GCCS fielded to MSC/Regmts/MAGs During FY02 and FY03
MAGTF II	X/A	X/A	X/A	X/A	X/A	X/A	X/A	X/A	
MDSS II	A	X	A	X	A	X	A	X	
Newsgroups (SIPRNET)	X/A	X/A	X/A	X/A	X/A	X/A	As req	As req	MSC/Regmts/MAGs via GCCS

2 X= User, A=Access

3
4 (a) (U) Force Level Advocates:

5
6 (1) (U) GCCS - MARFORRES G-5

7
8 (2) (U) MAGTFII/LogAIS - MARFORRES G-5

9
10 (3) (U) MDSSII - MARFORRES G-4

11
12 (b) (U) Users at MSC/Unit Level:

13
14 (1) (U) MAGTFII/LogAIS - G/S-3

15
16 (2) (U) MDSSII - G/S-4

17
18 (c) (U) CO's/OIC'S of units/Dets are responsible for accuracy of all
19 TPFDD records. TPFDD records contain no fatal transportation errors and
20 accurately reflect current status, attributes, and availability of unit
21 requirements. Attributes include correct UIC, level IV cargo details, PAX
22 numbers, and movement detail.

23
24
25 APPENDIXES:

26 1 - Marine Air Ground Task Force II (MAGTFII)

27 2 - MAGTF Deployment Support System II (MDSSII)

28 3 - Force Redeployment and Deactivation

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7 APPENDIX 1 TO ANNEX H TO COMMARFORRES M&FA PLAN (U)
 8 MARINE AIR GROUND TASK FORCE II (MAGTFII) (U)
 9

- 10 (U) REFERENCE: (a) JP 5-0, (Doctrine For Planning Joint Operations, 13
 11 Apr 1995)
 12 (b) CJCSM 3122.01A, (Joint Operation Planning And
 13 Execution System (JOPES) Volume 1 (Planning Policies
 14 And Procedures), 14 July 2000)
 15

16 1. (U) Background. MARFORRES G5/Plans will provide a baseline MAGTFII shell
 17 to forces identified in the Exercise Plans or O/CONPLAN's. This shell/plan
 18 will be populated with MDSSII data provided by the MSC/MAGTF/MSE/UNIT. The
 19 mention of the MAGTFII Plan in this appendix is the same as the
 20 MAGTFII/LogAIS Plan.
 21

22 2. (U) Action. The following staff action and responsibilities are outlined
 23 in order to facilitate the steps required to update or build a MAGTFII Plan:
 24

25 a. (U) The MSC/MAGTF/MSE/UNIT G3/S3 Operations officer will focus on the
 26 type of equipment (Item ID), quantity of equipment, number of personnel (by
 27 MOS) needed to support the mission and the concept of employment
 28 (movement/flow of forces).
 29

30 b. (U) The MSC/MAGTF/MSE/UNIT G1/S1 officer will source personnel to
 31 fill the MOS's identified by the S3.
 32

33 c. (U) The MSC/MAGTF/MSE/UNIT G4/S4 officer will source specific
 34 equipment, identify accompanying supplies and other material needed to
 35 support the force while deployed.
 36

37 d. (U) The MAGTF/MSE/UNIT Embarkation Officer will focus on dimensional
 38 data, (Level four detail), packaging and associations, and coordinate the
 39 movement of personnel, supplies and equipment.
 40

41 3. (U) Sourcing the MAGTFII Plan. The following steps outline the proper
 42 sequence to source/build the MAGTFII Plan. This will provide the
 43 Regiment/Battalion S4 Officer and embark staff with a quick reference on
 44 ~~SOURCING a "refined" MAGTFII Plan for exercises, O/CONPLANS or actual~~
 45 contingencies. The refinement process is covered in para 4, page H-1-8,
 46 REFINING A MAGTFII PLAN.
 47

48 a. (U) The MAGTFII Plan will be provided by your S3/planner. This plan
 49 is the S3's requirement for this exercise or contingency. It contains
 50 **notional data** for the personnel, cargo and vehicles necessary to complete the
 51 assigned mission. It does not contain embark boxes or vehicle serial
 52 numbers. Also no embarkation principles have been applied (mobile loading,
 53 hitching trailers, loading quadcons, etc.). There are two methods for
 54 sourcing a MAGTF requirement with MDSSII data:
 55

1 **METHOD 1:** (U) Using a DEPLOYMENT UDL MDSSII PLAN. This is the preferred
 2 method to source a MAGTFII requirement with MDSSII data.
 3

4 **STEP 1:**

5
 6 a. (U) Complete the following steps before you can begin to "source" the
 7 MAGTF requirement:
 8

9 (1) (U) Review the following MAGTFII printouts with your
 10 S3/operations planner in order to understand how the forces will deploy:
 11

12 F-11D (Force List/Movement Requirements Working Paper)

13 F-11W (Force Requirements Detail Report)

14 F-11E Short Ton (Time Phased Transportation Requirements Working
 15 Paper)
 16

17 (2) (U) Answer the following questions:
 18

19 (a) (U) Number of personnel deploying and when. S-3 will
 20 assign personnel by MOS and quantity to a ULN. S-1 will assign specific
 21 personnel to a ULN. The embark staff will track personnel numbers, for
 22 movement purposes, by ULN.
 23

24 (b) (U) Equipment that will deploy for the
 25 exercise/contingency.
 26

27 (c) (U) Dates for: movement, operation, redeployment.
 28

29 (d) (U) Mode of movement: ship, aircraft, train, truck or
 30 combination of all of these.
 31

32 (e) (U) Type of ports (air/sea) will be used. How far away are
 33 they?
 34

35 (f) (U) Location of the final destination or exercise site.
 36 How far away from the POD(s)?
 37

38 (g) (U) Special equipment required for type of environment?
 39

40 (h) (U) Can you resupply or will you be self-sufficient?
 41

42 b. (U) Develop a deployment database from your Garrison database. See
 43 BUILDING A DEPLOYMENT UDL.
 44

45 c. (U) Apply embarkation principles to your deployment database:
 46 associate all cargo, hitch trailers to prime movers, put generators onto
 47 trailers, Quadcons should have cargo put into them, etc.
 48

49 d. (U) By using Method 1, MDSSII will provide you with the option of
 50 pulling all associated cargo/vehicles at the same time instead of pulling
 51 each item individually. This will save time and improve the accuracy of the
 52 sourcing process.
 53

54 **METHOD 2:** Using a GARRISON UDL MDSSII Plan. Skip steps b and c from Method
 55 1. This method is normally used when there has been little or no advance
 56 planning for sourcing the MAGTFII Plan. In most cases the GARRISON UDL does

1 not have embarkation planning considerations applied (i.e., palletizing,
 2 mobile loading, etc.). Using this method, embark personnel must select all
 3 item identifiers individually that are to be sourced to a specific ULN; each
 4 box or vehicle and every piece of cargo inside the box or vehicle. Method 2
 5 is time consuming but will accomplish the task.
 6

7 **STEP 1:**

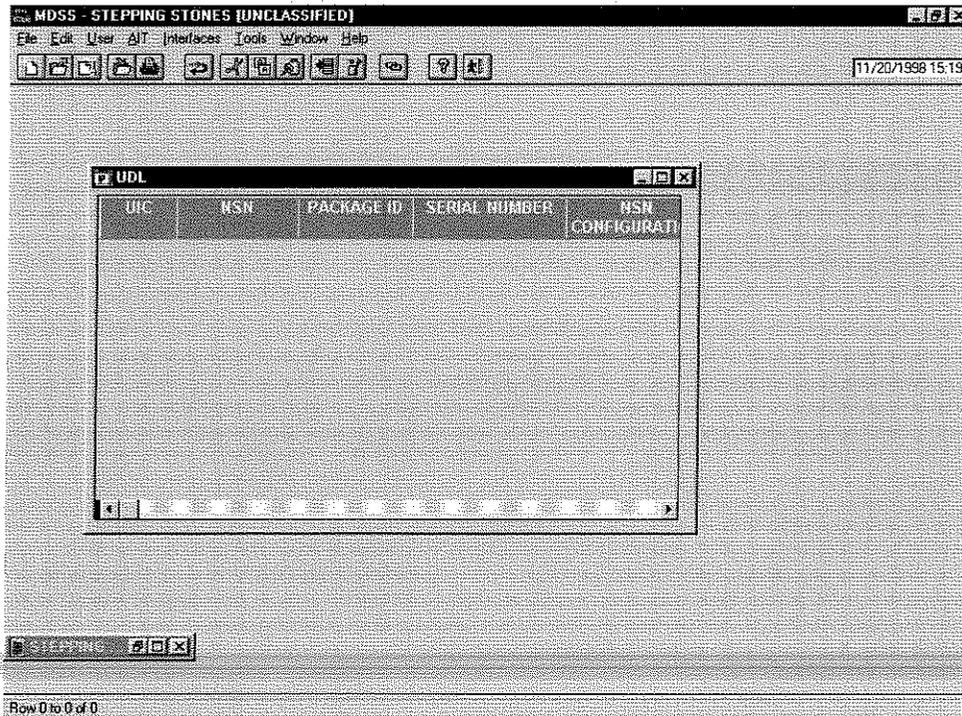
8
 9 a. (U) Import a MAGTFII export into MDSSII

10
 11 (1) (U) Start MDSSII.

12
 13 (2) (U) Open the *START* plan (open a blank plan).

14
 15 (3) (U) Import the MAGTFII Plan that has been scrubbed by your S3.
 16 This plan is the S3/operations requirement for the exercise/contingency/
 17 OPLAN.

18
 19 (4) (U) Complete the import, open the plan. Your screen should look
 20 similar to the following:
 21



22
 23
 24
 25
 26 (5) (U) You will notice that there are no MDSSII records in the
 27 plan. After you complete the SOURCING of the MAGTFII requirement this table
 28 will be automatically filled in.
 29

30 **STEP 2:** (U) Source a MAGTFII Requirement with a MDSSII UDL

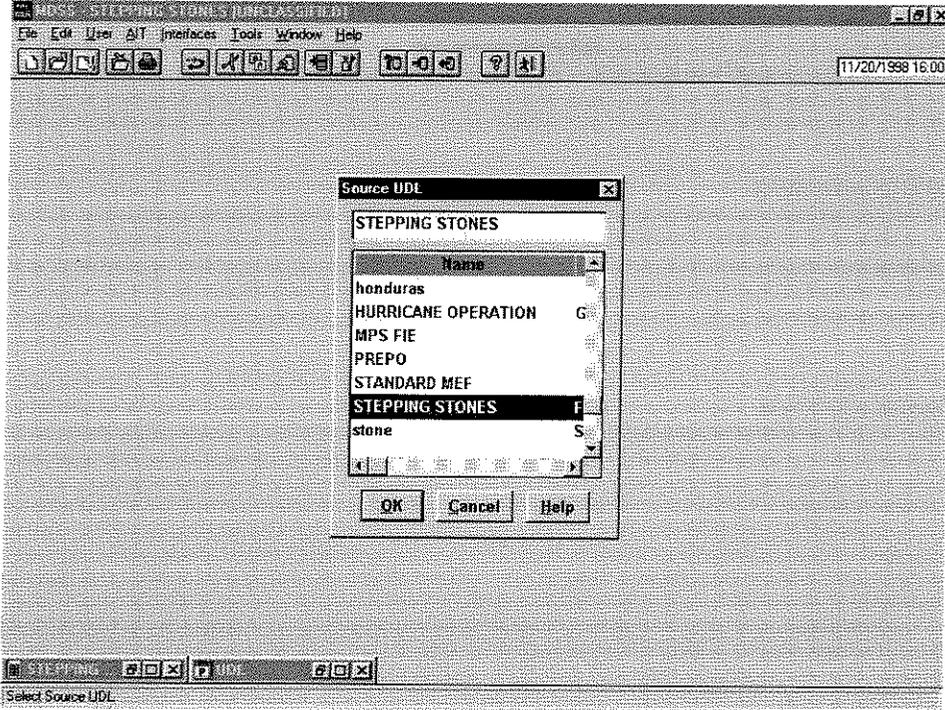
31
 32 a. (U) Select User, Deployment, UDL Workbench from the top toolbar.
 33 Your screen should look similar to the following:

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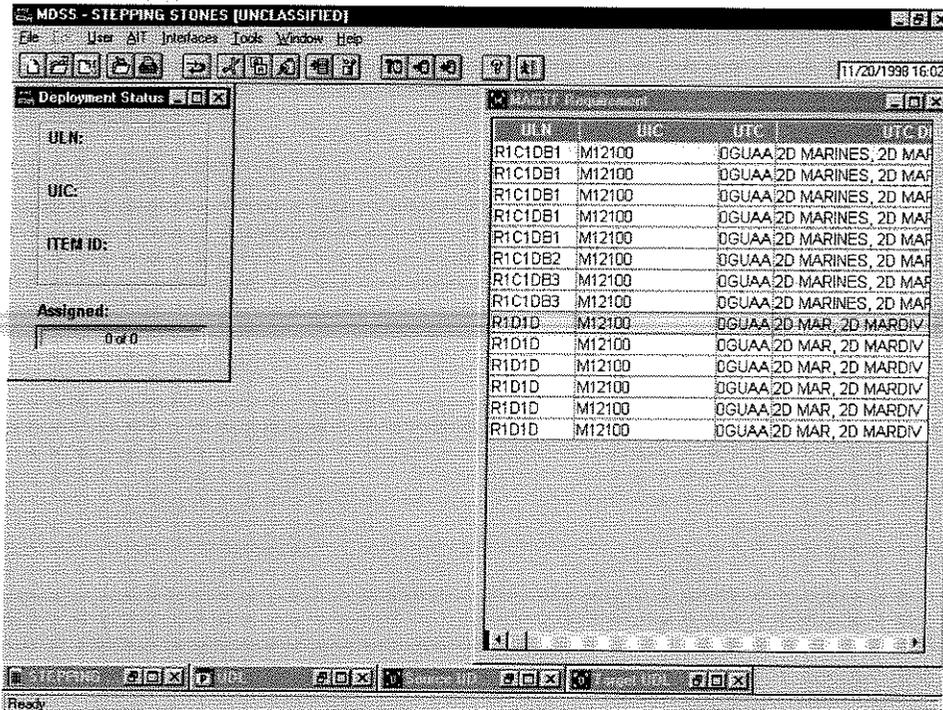
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b. (U) Select the plan you want to "source" the MAGTFII requirement from. Normally the source UDL will be the deployment database you created from your garrison database.

c. (U) After your database is selected your screen should look similar to the following:



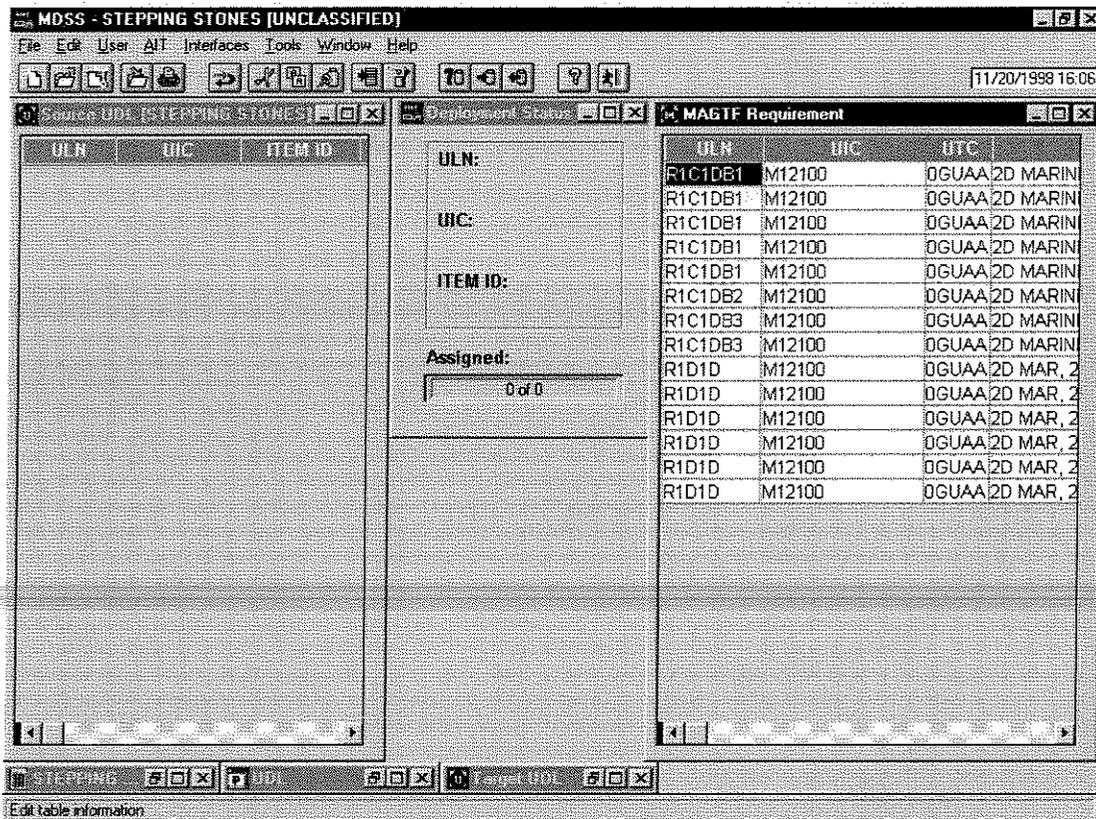
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1
 2 (1) (U) MAGTF Requirement dialog box. This dialog box will reflect
 3 all the ULN's and Item ID's required for this plan. These Item ID's will be
 4 "sourced" or copied from the source UDL (Deployment Plan) into the Target
 5 UDL. If there are multiple Item ID's to be sourced for one ULN, each Item ID
 6 will be displayed as a separate record. If a ULN is not reflected in the
 7 MAGTF Requirement dialog box then there are no cargoes to source to that ULN.
 8 In order for the ULN to be sourced by MDSSII there must be at least one item
 9 of cargo in the ULN.

10
 11 (2) (U) Deployment Status dialog box. This dialog box reflects the
 12 status of each ULN while it is being sourced. There is a counter that
 13 reflects the number of records that have been selected against the number
 14 required (5 of 15 or 1 of 3, etc.) It also contains a bar that turns green
 15 when 100 percent of the requirement has been met for that item (15 of 15 or 3
 16 of 3). This bar turns red when too many of a specific Item ID have been
 17 sourced (20 of 15) or remains gray when not enough of an item has been
 18 selected (3 of 15).

19
 20 d. (U) Maximize the Source UDL window.

21
 22 e. (U) Select Window, Tile from the top toolbar. Your screen should look
 23 similar to the following:
 24

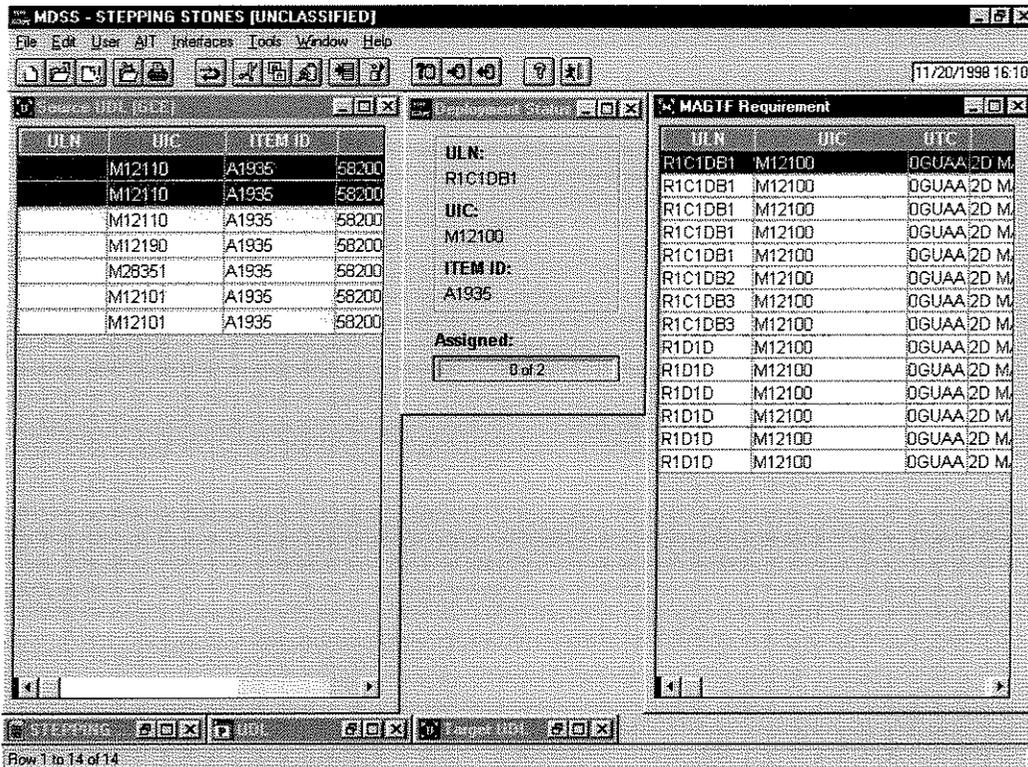


25
 26
 27
 28 f. (U) Double click on your units' UIC/ULN combination inside the MAGTF
 29 Requirement window.
 30

1 (1) (U) The Deployment Status dialog box will change to reflect the
2 chosen ULN, UIC, ITEM ID.

3
4 (2) (U) The "Assigned" counter bar will show the number of cargoes
5 sourced of the total requirement for this ULN (0 of 15, 3 of 10, etc.).
6

7 g. (U) Click on the UDL Source window. This will sort the Source UDL so
8 that only Item ID's that match the UIC/ULN/Item ID combination from the MAGTF
9 requirement will be listed.
10



11
12
13 h. (U) Choose (click on) the cargoes, by Package ID, that you are going
14 to use to fill the ULN requirement. The entire row will be highlighted.

15
16 i. (U) Click on the "Assign icon," once you have chosen the appropriate
17 number of cargoes to fill this ULN requirement,
18

19 (1) (U) If there are linked records to the chosen records, the
20 program will prompt you for confirmation to copy the linked records to this
21 ULN.
22

23 (2) (U) Notice that the assigned cargo and all associated cargo will
24 turn green.
25

26 (3) (U) The "Assigned counter" bar will change to reflect the number
27 of cargoes you just assigned.
28

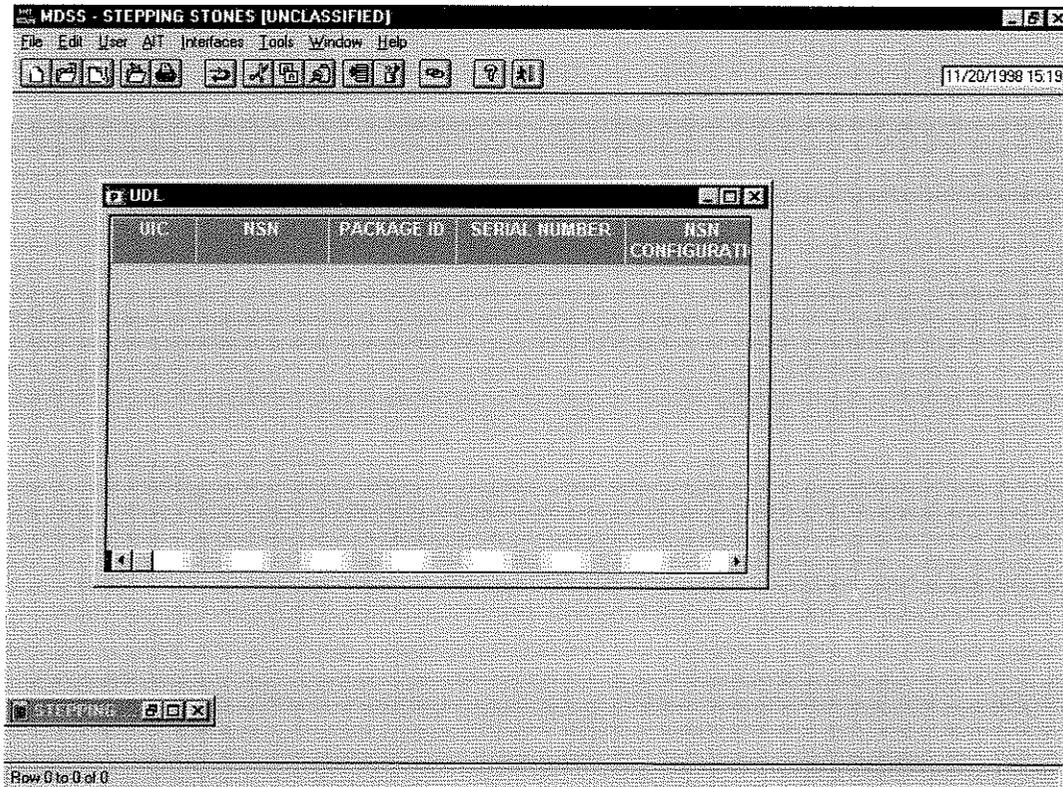
29 j. (U) Continue with the "sourcing" process until either all the ULN's
30 are sourced or all of the records within the source UDL have turned green.
31

32 **STEP 3:**

1
2 a. (U) Minimize the Source UDL and maximize the Target UDL, once the
3 sourcing/assigning process is complete.

4
5 b. (U) Review the ULN field of the Target UDL to ensure a ULN has been
6 assigned to each record. If a ULN is not assigned to a record, go back and
7 resource that ULN with the appropriate Item ID.

8
9 c. (U) Close the MAGTF Requirement window after the Target UDL is
10 verified, Your screen should look similar to the following:
11



12
13
14
15 d. (U) Notice that the UDL window is empty. You need to "Retrieve" the
16 current records from the database. Select Edit, Retrieve, to update your
17 view of the database.
18

19 **STEP 4:**

20
21 a. (U) Select the export option from the top toolbar.
22

23 b. (U) Export the file to a disk using the "LOGAIS.PEX" and enter a
24 filename. The file name doesn't have to match the plan name. Normally you
25 would use the same file name as the one provided by the S3, just add a "1" to
26 the end. This will let the S3 know that the file has been modified.
27

28 c. (U) The S3/Operations MAGTFII Planner will now import the sourced
29 MAGTFII Plan. If the original plan (the unsourced plan) still resides on the
30 planner's computer, the system will prompt the planner to rename the plan

1 before the import can be completed. Most planners just add a "1" to the end
2 of the original plan name (e.g. DM-GCE1).

3
4 d. (U) The S3/operations planner now has a "sourced" MAGTFII Plan with
5 real world items and dimensions that require lift. The sourced plan will
6 include things like 7 cube boxes, palcons, tents, radios, batteries, spare
7 tires, etc. In short, the S3/operations now knows what the unit looks like
8 or how it is configured for deployment.

9
10 e. (U) It is important to note that the sourced plan will not include
11 any items that were not sourced. These items must be annotated on the
12 original plan and considered as a shortfall to be sourced by higher
13 headquarters.

14
15 4. (U) Refining the MAGTFII Plan. The following steps outline the proper
16 sequence to refine the MAGTFII Plan.

17
18 **STEP 1:**

19
20 a. (U) During the initial review of the hard copy MAGTFII Plan, the
21 MSC/MAGTF/MSE/UNIT operations officer, concurrently with the logistics
22 officer, will ensure that the total force is reflected, to include all
23 attached units/forces.

24
25 b. (U) The MSC/MAGTF/MSE/UNIT operations officer will also establish
26 requirements for the advance party, main body and rear party always ensuring
27 compliance with the MSC/MAGTF/MSE/UNIT commander's deployment concept.

28
29 c. (U) All annotations should be reflected on the hard copy MAGTFII Plan
30 as it will ease the actual tailoring of forces once inside the electronic
31 MAGTFII program. Annotations should reflect movement criteria (i.e., A/pty;
32 M/B; R/pty), personnel and equipment/cargo requirements for each element
33 (i.e., A/pty = 10 pax/ (1) hummer/ (1) M101 trlr) as well as the planned
34 movement separation between each (i.e., A/pty 3 days prior to M/B, rear party
35 NLT 3 days after M/B).

36
37 d. (U) Reflected below is a MAGTFII report reflecting annotations as
38 previously discussed.

UNCLASSIFIED

Force Requirements Detail Report (F11V) (FULL)

OPLAN NUMBER: 4008A

OPLAN DATE: 11/24/08

FORCE/MODULE: DM1 - AIR DEPLOYMENT

TIME: 14:27:53

BLK	FORCE DESCRIPTION	PRO	SVC	UTC	UIC	PK	PK	ORGN	RLD	U	S	POE	ALD	U	S	POD	EAD	LAD	U	S	DEBT	RDD
UIC	UNIT NAME	AFERS	NRPAK	PREAD																		
HEAVY LIFT																						
CID	CARGO DESCR	PCS	LWT	WDT	HGT	SOFEET	BULK(S)	BULK(M)	OVER(S)	OVER(M)	OUT(S)	OUT(M)	HAT(S)	HAT(M)	CBBLG							
R1A4D	DN HO, HO BN, 2D DN	2	M	00CAA	HO	8	ETFB	C266	L	M	DRHL	C267	A	K	C268	C270	L	H				C276
M12001	QUARTERING PARTY	373	111	A/pty = 10/ M/B = 90/ R/pty = 11																		
J3D	A																					
463L	GEN CARGO M/B	1	108.00	88.00	2.00	86.00	3.00	0.275	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
C4433	QUADCOH	88.00	106.00	82.00	38.00	4.00	11.275	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Totals for J3D:		1 X A/P	408.00 35.00 101.75 0.00 0.00 0.00 0.00 0.00 0.00																			
Totals for R1A4D:		B X M/B	408.00 35.00 101.75 0.00 0.00 0.00 0.00 0.00 0.00																			
R1A5D	DN HO, HO BN, 2D DN	2	M	00CAA	HO	8	ETFB	C270	L	M	ADYB	C270	A	K	C270	C272	L	H				C272
M12001	ADGISTAFF	373	10	P																		
Totals for R1A5D:		00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00																				
R1A6D	DN HO, HO BN, 2D DN	2	M	00CAA	HO	8	ETFB	C264	L	M	DRHL	C265	A	K	C266	C268	L	H				C268
M12001	FWCC FWD	373	2	A																		
J3D	A																					
C4433	QUADCOH	1	88.00	108.00	82.00	38.00	3.50	11.275	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Totals for J3D:		38.00 3.50 11.275 0.00 0.00 0.00 0.00 0.00 0.00																				
Totals for R1A6D:		38.00 3.50 11.275 0.00 0.00 0.00 0.00 0.00 0.00																				

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1
2 **STEP 2:**
3

4 a. (U) After completing your hard copy review, the electronic disk copy
5 must be updated and returned to higher headquarters for incorporation into
6 the overall MAGTFII Plan. The following procedures provide the steps to
7 import and open the MAGTFII Plan:
8

9 b. (U) Start MAGTFII.

10
11 c. (U) Go to "INTERFACE" and select Import once inside the program. A
12 "SELECT IMPORT FILE" screen will appear. Select the "A" drive and ensure the
13 "Interface Type" reflects LOGAIS v4.X (*.pex). The MAGTFII Plan name
14 provided by higher headquarters should appear in the "File Name" box. Double
15 click on the file name and the import process will commence.
16

17 d. (U) Close the current plan and open the imported plan when the import
18 is complete.
19

20 e. (U) Your screen will look similar to the following:
21
22
23
24

MAGTF II - The Plan [UNCLASSIFIED] - [32320]

File Edit User Interfaces Tools Window Help

12/25/2001

ULN SUMMARY

ULN	UIC	UNIT NAME	UTC	FORCE DES
M5AA	M20192	3RD CIV AFF GROUP	VYBAA	CIVIL AFFAIRS GROUP, FMF
M5BA AD	M14100	HQ CO, 23RD MARINES (ADVON)	DGSAA	HQ CO, INF REGT
M5BA CD	M14100	HQ CO, 23RD MARINES (CARGO)	DGSAA	HQ CO, INF REGT
M5BA DD	M14100	HQ CO, 23RD MARINES (CARGO DELTA)	DGSAA	HQ CO, INF REGT
M5BA ND	M14100	HQ CO, 23RD MARINES (NRP9)	DGSAA	HQ CO, INF REGT
M5BA PD	M14100	HQ CO, 23RD MARINES (PAX)	DGSAA	HQ CO, INF REGT
M5BADC0	M14110	A CO, 1/23 (CARGO)	DGVAA	RIFLE CO, INF BN, INF REGT
M5BABD0	M14110	A CO, 1/23 (CARGO DELTA)	DGVAA	RIFLE CO, INF BN, INF REGT
M5BABP0	M14110	A CO, 1/23 (PAX)	DGVAA	RIFLE CO, INF BN, INF REGT
M5BADC0	M14110	B CO, 1/23 (CARGO)	DGVAA	RIFLE CO, INF BN, INF REGT
M5BADD0	M14110	B CO, 1/23 (CARGO DELTA)	DGVAA	RIFLE CO, INF BN, INF REGT
M5BADP0	M14110	B CO, 1/23 (PAX)	DGVAA	RIFLE CO, INF BN, INF REGT
M5CA CD	M00243	HQ, MAG-42, 4TH MAW (CARGO)	CMAGF	HQ MAG (FW)
M5CA DD	M00243	HQ, MAG-42, 4TH MAW (CARGO DELTA)	CMAGF	HQ MAG (FW)
M5CA ND	M00243	HQ, MAG-42, 4TH MAW (NRP9)	CMAGF	HQ MAG (FW)
M5CA PD	M00243	HQ, MAG-42, 4TH MAW (PAX)	CMAGF	HQ MAG (FW)
M5CAAC0	M01130	VMFA-112, MAG-41 (CARGO)	3NNNA	VMFA (12 F/A-18A)
M5CAAD0	M01130	VMFA-112, MAG-41 (CARGO DELTA)	3NNNA	VMFA (12 F/A-18A)
M5CAAE0	M01130	VMFA-112, MAG-41, 4TH MAW	3NNNA	VMFA (12 F/A-18A)
M5CAAF0	M01130	VMFA-112, MAG-41 (FLIGHT FERRY)	3NNNA	VMFA (12 F/A-18A)
M5CAAP0	M01130	VMFA-112, MAG-41 (PAX)	3NNNA	VMFA (12 F/A-18A)

Row 1 to 20 of 28

1
2
3 **STEP 3:**

4
5 a. (U) After loading the MAGTFII Plan, the next step in the refinement
6 process is to delete all ULN's that do not apply to your respective unit.
7 Deleting all other ULN's is necessary in order to update the master MAGTFII
8 Plan without overwriting other units' information.

9
10 b. (U) To Delete a ULN:

11
12 (1) (U) Click on the ULN to be deleted. The entire row for that ULN
13 should be highlighted. If the entire row is not highlighted, click off the
14 record and then click a second time on the ULN record to be deleted.

15
16 (2) (U) Click on the delete icon located in the top toolbar.
17 A window will open asking you to confirm deletion of this ULN.

18
19 (3) (U) Press "OK" and repeat these steps until the ULN Summary
20 table reflects only those elements you are responsible for
21 refining/tailoring.

22
23 NOTE: To perform a mass delete, hold down the "Ctrl" button, click on each
24 ULN to be deleted, then, click on the delete icon.

25
26
27 **STEP 4:**

1 a. (U) Verification of remaining ULN's. Verify each column of the ULN
2 SUMMARY table for accurate information. Use the following column
3 descriptions and examples as a guide:

4
5 (1) (U) ULN (Unit Line Number). ULN,s are normally assigned by
6 higher HQ. ULN's are used to identify specific units within a deploying
7 force, identifying the unit's composition (personnel, cargo, vehicles) and
8 movement criteria from origin to final destination.

9
10 (2) (U) UIC (Unit Identification Code). Verify your UIC. Place
11 your cursor in the UIC column and Press (Alt+F1), arrow down until you find
12 the appropriate UIC.

13
14 NOTE: For the purposes of MAGTFII and MDSSII the UIC is not reflected below
15 the battalion level.

16
17 (3) (U) UNIT NAME. Verify each unit name. The default name is
18 obtained from the listings contained within the UIC lookup table.

19
20 (4) (U) UTC (Unit Type Code). Verify all UTC's. Default UTC's are
21 obtained from the lookup table based on the type unit. Some UTC's offer
22 further amplification based upon specific mission capabilities.

23
24 Examples:

25 0GUAA - H&S Co, Inf BN
26 0GUAB - H&S CO, Inf BN / MPS Prepo (Maritime Propositioned Ships)
27 0GUAP - H&S Co, Inf BN / MPS FIE (Fly In Echelon)

28
29 NOTE: other examples can be found in the UTC lookup table. Place your
30 cursor in the UTC column and Press (Alt+F1), arrow down until you find the
31 appropriate UTC.

32
33 (5) (U) FORCE DESCRIPTION. This column provides a brief unit
34 description of the deploying element.

35
36 Examples:

37 HQSVC CO ½ (-)
38 HQSVC CO ½ (-) MPS PREPO
39 HQSVC CO ½ (-) MPS FIE

40
41 NOTE: There are no look-up tables for this column.

42
43 (6) (U) SVC (Service Code). Enter "M" (Marine Corps).

44
45 (7) (U) FIC (Force Indicator Code).

46
47 0 = Standard Force (Basic Inf Company, no attachments)
48 1 = Standard Force (PAX are different than T/O)
49 2 = Standard Force (Cargo is different that T/E)
50 7 = Nonstandard Force Requirement
51 8 = Nonstandard Force (Independent or Subordinate Force with a
52 different T/O and T/E.
53 9 = Identifies Actual movement characteristics for PAX and cargo.

54
55 (8) (U) PIC (Parent Indicator Code).

56
57 X = No subordinate split

1 A = All subordinate split
 2 P = Some subordinate split
 3 Blank = Not a parent unit
 4

5 (9) (U) ULC (Unit Level Code). Describes the size and type of ULN.
 6 Place your cursor in the ULC column and Press (Alt+F1), arrow down until you
 7 find the appropriate ULC. Examples:

8
 9 CO = Company
 10 BN = Battalion
 11 BTY = Battery
 12 DIV = Division
 13 HQ = Headquarters
 14 HQS = Headquarters and Service Company
 15

16 NOTE: other examples can be found in the ULC lookup table.
 17

18 (10) (U) ULN TYPE. Enter "DIV".
 19

20 (11) (U) MSE (Major Subordinate Element). Normally "CE" for the
 21 MAGTF Command Element or "GCE" for the MAGTF Ground Combat Element.
 22

23 (12) (U) PROV ORG (Providing Organization). Place your cursor in the
 24 PROV ORG column and Press (Alt+F1), arrow down until you find the appropriate
 25 PROV ORG.
 26

27 (13) (U) PAX. Personnel assigned to this ULN. Verify the number of
 28 personnel required to support this ULN.
 29

30 (14) (U) STONS (Short tons of cargo/vehicles). System generated
 31 based on the "Cargo Summary Table". Editing the Cargo Summary table will be
 32 described in Step 6.
 33

34 (15) (U) MANUAL EDIT. System generated.
 35

36 (16) (U) MVMT DETAIL (Movement detail). System generated. A "Y"
 37 reflects movement detail is provided. A "N" reflects no movement detail is
 38 provided.
 39

40 (17) (U) REMARKS. Optional entry.
 41

42 (18) (U) AAC (DOD Activity Account Code). Leave blank.
 43

44 (19) (U) PROJECT CODE. Place your cursor in the PROJECT CODE column
 45 and Press (Alt+F1), arrow down until you find the appropriate PROJECT CODE.
 46

47 (20) (U) SRC. Leave blank.
 48

49 (21) (U) CHANGE DATE. System generated.
 50

51 (22) (U) CREATE DATE. System generated.
 52
 53

54 **STEP 5:**
 55

1 a. (U) ULN's created by higher headquarters are normally broad based and
2 are not reflective of the Commander's deployment concept. Accordingly, they
3 need to be specifically and individually tailored to ensure that force
4 movement is supportive of the commander's employment concept. Tailoring
5 ULN's offers the opportunity to accurately reflect a unit's composition as
6 well as movement data. Tailoring ULN's is required to identify advance
7 party, main body and rear party (if needed) and the different modes of
8 transportation from origin to the POE, POE to the POD, and POD to final
9 destination. During your original review of the MAGTFII hard copy, you
10 should have reflected how deployment of the force was going to be laid out
11 (refer to STEP 1, page H-1-8). If you utilize your annotations during the
12 next steps, tailoring will be quite easier.

13
14 b. (U) Examples of ULN separation and different criteria which causes
15 ULN fragmentation are provided as follows:

16
17 (1) (U) Your unit's advance party and main body personnel have the
18 same UIC and will be transported on aircraft, however, because they have
19 different arrival dates at the APOD, a separate ULN must be assigned. One
20 ULN will reflect the advance party composition and its movement data the
21 other ULN will reflect the main body and it's movement data.

22
23 (2) (U) Your advance party and five HMMWV's are transported by
24 aircraft. The passengers and HMMWV's have the same UIC and will be
25 transported by air, arriving on the same day at the APOE/APOD. Since these
26 elements are moving/arriving on the same day, via the same mode of
27 transportation, they can be reflected under a single ULN.

28
29 (3) (U) Your unit's cargo/vehicles will have the same UIC, and will
30 be loaded on the same ship, but because your vehicles are self deploying and
31 will be convoyed to the SPOE, but your quadcons require external
32 transportation (LMCC or commercial trucks), they will be assigned separate
33 ULN's.

34 35 **STEP 6:**

36
37 a. (U) View the cargo/equipment, personnel and movement detail. To
38 conduct this review/refinement, select: User, ULN summary. You will see the
39 following:

MAGTF II - FDP&E [UNCLASSIFIED] - [16458]

File Edit User Interfaces Tools Window Help

12/25/2001

ULN SUMMARY

ULN	UIC	UNIT NAME	UTC	FORCE DESCR
M5BA AD	M14100	HQ CO, 23RD MARINES (ADVANCE PTY)	DGSAA	HQ CO, INF REGT
M5BA CD	M14100	HQ CO, 23RD MARINES (CARGO)	DGSAA	HQ CO, INF REGT
M5BA DD	M14100	HQ CO, 23RD MARINES (CARGO DELTA)	DGSAA	HQ CO, INF REGT
M5BA ND	M14100	HQ CO, 23RD MARINES (NRP9)	DGSAA	HQ CO, INF REGT
M5BA PD	M14100	HQ CO, 23RD MARINES (PAX)	DGSAA	HQ CO, INF REGT
M5BABC0	M14110	A CO, 1/23 (CARGO)	DGUAA	H&S CO, INF BN, INF REGT
M5BABD0	M14110	A CO, 1/23 (CARGO DELTA)	DGUAA	H&S CO, INF BN, INF REGT
M5BABP0	M14110	A CO, 1/23 (PAX)	DGUAA	H&S CO, INF BN, INF REGT
M5BADC0	M14110	B CO, 1/23 (CARGO)	DGVAA	RIFLE CO, INF BN, INF REGT, C
M5BADD0	M14110	B CO, 1/23 (CARGO DELTA)	DGVAA	RIFLE CO, INF BN, INF REGT, C
M5BADP0	M14110	B CO, 1/23 (PAX)	DGVAA	RIFLE CO, INF BN, INF REGT, C

Row 1 to 11 of 11

1
2
3
4
5

b. (U) Resize the ULN SUMMARY and the CARGO SUMMARY windows so you have the capability to view both screens simultaneously.

MAGTF II - FDP&E [UNCLASSIFIED] - [16458]

File Edit User Interfaces Tools Window Help

12/25/2001

CARGO SUMMARY - [MSBA CO]		ULN SUMMARY		
ITEM ID	ITEM DESCRIPTION	ULN	UIC	UNIT NAME
A1935	RADIO SET	M5BA AD	M14100	HQ CO, 23RD MARINES (ADV)
A1957	RADIO SET	M5BA CD	M14100	HQ CO, 23RD MARINES (CAF)
B0891	GENERATOR SET, 10KW, 60HZ, SKID-MTD	M5BA DD	M14100	HQ CO, 23RD MARINES (CAF)
C4433	CONTAINER, QUADRUPLE	M5BA ND	M14100	HQ CO, 23RD MARINES (NRF)
D0850	TRAILER, CARGO, 3/4T, 2-WHL,	M5BA PD	M14100	HQ CO, 23RD MARINES (PAX)
D1158	TRUCK, UTILITY	M5BACD	M14110	A CO, 1/23 (CARGO)
		M5BABDD	M14110	A CO, 1/23 (CARGO DELTA)
		M5BABPO	M14110	A CO, 1/23 (PAX)
		M5BADCD	M14110	B CO, 1/23 (CARGO)
		M5BADDD	M14110	B CO, 1/23 (CARGO DELTA)
		M5BADPO	M14110	B CO, 1/23 (PAX)

Row 1 to 6 of 6

- 1
- 2
- 3
- 4 c. (U) Click on one of your ULN's.
- 5
- 6 d. (U) Click anywhere on the CARGO SUMMARY window.
- 7
- 8 e. (U) The CARGO SUMMARY window will reflect the cargo/equipment
- 9 assigned by higher headquarters to this ULN.

STEP 7:

- 10
- 11
- 12
- 13
- 14 a. (U) Verify the movement data. The MOVEMENT SUMMARY table is used to
- 15 identify:
 - 16 (1) (U) Origin of your unit.
 - 17
 - 18 (2) (U) How and when your unit will be transported from origin to
 - 19 the Port of Embarkation (POE).
 - 20
 - 21 (3) (U) Location of the Port of Embarkation.
 - 22
 - 23 (4) (U) How and when your unit will be transported to the Port Of
 - 24 Debarkation (POD) (Airlift or Sealift).
 - 25
 - 26 (5) (U) Location of the Port of Debarkation.
 - 27
 - 28

1 Examples: ETFB is Camp Lejeune, NC
 2 DNNL is Cherry Point, NC
 3 RQWP is MCAS New River, NC
 4

5 (8) (U) ORIGIN C/S (Point of origin city/state code). System
 6 generated based on origin geoloc.
 7

8 (9) (U) Origin RLD (Point of origin Ready to Load Date). The date
 9 that this ULN will be ready to load at the Point of Origin. This date is
 10 established by the Supported CINC and will be provided in the JOPES Planning
 11 Guidance message through Div G3/Plans.
 12

13 (10) (U) POE MODE and POE SOURCE (Port of Embarkation Mode/Source).
 14 These two codes describe how your personnel/cargo/vehicles assigned to this
 15 ULN will be moved from origin to the POE.
 16

17	Examples:	Mode	Source	Description
18		L	H	Personnel/cargo/vehicles assigned to this ULN
19				will be moved by LAND transportation provided
20				by the unit.
21				
22		L	M	Personnel/cargo/vehicles assigned to this ULN
23				will be moved by LAND transportation provided
24				by an external agency (Div MT, LMCC).
25				
26		X	X	No transportation required. Origin and POE
27				geolocations are the same.
28				

29 NOTE: Other Mode and Source combinations can be found in the look up table.
 30 Place your cursor in the POE MODE or the POE SOURCE column and press (Alt +
 31 F1), arrow down until you find the appropriate combination.
 32

33 (11) (U) POE GEOLOC (Port of Embarkation geographic location). This
 34 geographic location will be the Air Port of Embarkation (APOE) or the Sea
 35 Port of Embarkation (SPOE).
 36

37 Examples: DNNL is Cherry Point, NC
 38 QTUP is Morehead City Port, NC
 39

40 Other examples can be found by placing your cursor in the POE GEOLOC column
 41 and pressing (Alt + F1).
 42

43 (12) (U) POE C/S (Port of Embarkation city/state code). System
 44 generated based on POE GEOLOC.
 45

46 (13) (U) POE INSTALL CODE (Port of embarkation installation code).
 47 Place your cursor in the POE INSTALL CODE column and press (Alt + F1), arrow
 48 down until you find the appropriate code.
 49

50 (14) (U) ALT POE GEOLOC (Alternate Port of Embarkation geographic
 51 location).
 52

53 (15) (U) POE ALD (Port of Embarkation Available to Load Date). The "C
 54 date" that this ULN will be available to load, the estimated load date.
 55

1 transit time to SPOD is 10 days, ALD date is set at EAD minus 14 days.
 2 Transit times will be published by higher headquarters.

3
 4 (24) (U) POD PRI. Leave blank.

5
 6 (25) (U) POD LOAD CONFIG (Port of Debarkation Load Configuration).
 7 This code describes how the ULN will be configured upon arrival.

8
 9 Examples: A = Administrative load (may be containerized).
 10 B = Administrative load (not containerized).
 11 M = Loaded for Amphibious Assault.
 12 N = Not Applicable.
 13 T = Combat loaded.

14
 15 NOTE: Other examples can be found by placing your cursor in the POD LOAD
 16 CONFIG column and pressing (Alt + F1).

17
 18 (26) (U) POD DISCH CONSTRAINT (Port of Debarkation Discharge
 19 Constraint).

20
 21 Examples: A = Containerized cargo (20 foot ISOs)
 22 B = Over the beach discharged.
 23 N = No special considerations.
 24 R = Roll on Roll on/off.
 25 S = In Stream discharge.

26
 27 NOTE: Other examples can be found by placing your cursor in the POD DISCH
 28 CONSTRAINT column and pressing (Alt + F1).

29
 30 (27) (U) LOCATION INTER STOP (Location of interim stop). Normally
 31 left blank. Used only if ULN is required to make a Interim stop.

32
 33 (28) (U) ILOC MODE and ILOC SOURCE (Interim Stop MODE and Interim
 34 SOURCE). Normally left blank. Used only if ULN is required to make an
 35 Interim stop.

36
 37 (29) (U) ILOC GEOLOC (Interim Stop Location Geographic Location).
 38 Normally left blank. Used only if ULN is required to make an Interim stop.

39
 40 (30) (U) ILOC C/S (Interim Stop Location City/State). Normally left
 41 blank. Used only if ULN is required to make an Interim stop.

42
 43 (31) (U) ILOC INSTALL CODE (Interim Stop Location Installation Code).
 44 Normally left blank. Used only if ULN is required to make an Interim stop.

45
 46 (32) (U) ILOC DELAY DAYS (Interim Stop Location number of authorized
 47 delay). Normally left blank. Used only if ULN is required to make an
 48 Interim stop.

49
 50 (33) (U) ILOC DELAY CONFIG (Interim Stop Location Delay
 51 configuration). Normally left blank. Used only if ULN is required to make
 52 an Interim stop.

53
 54 (34) (U) ILOC LOAD CONFIG (Interim Stop Location Load Configuration).
 55 Normally left blank. Used only if ULN is required to make an Interim stop.

56

1 (35) (U) ILOC DISCH CONSTRAINT (Interim Stop Location Discharge
 2 Constraint). Normally left blank. Used only if ULN is required to make an
 3 Interim stop.
 4

5 (36) (U) DEST MODE and DEST SOURCE (Destination Mode and Destination
 6 Source). These two codes describe how your personnel/cargo/vehicles assigned
 7 to this ULN will be moved from the POD to the unit exercise/contingency area.
 8

9	Examples:	<u>Mode</u>	<u>Source</u>	<u>Description</u>
10		L	H	Personnel/cargo/vehicles assigned to this ULN
11				will be moved by LAND transportation on the
12				unit's own vehicles.
13				
14		L	M	Personnel/cargo/vehicles assigned to this ULN
15				will be moved by LAND transportation not
16				provided by the unit, but provided by other DOD
17				vehicles (CSSD, Div MT, etc.) not CINC or MTMC.
18				
19		X	X	No further transportation required. POD and
20				destination are the same.
21				

22 NOTE: Other Mode and Source combinations can be found in the look up table.
 23 Place your cursor in the DEST MODE or the DEST SOURCE column and press (Alt +
 24 F1), arrow down until you find the appropriate combination.
 25

26 (37) (U) DEST GEOLOC (Destination Geographic Location). This
 27 geographic location will be the exercise/contingency location. Examples can
 28 be found by placing your cursor in the DEST GEOLOC column and pressing (Alt +
 29 F1).
 30

31 (38) (U) DEST C/S (Destination City/State code). System generated
 32 based on DEST GEOLOC.
 33

34 (39) (U) DEST INSTALL CODE (Destination Installation code). Examples
 35 can be found by placing your cursor in the DEST INSTALL CODE column and
 36 pressing (Alt + F1).
 37

38 (40) (U) DEST RDD (Destination Required Delivery Date). The date the
 39 ULN will be mission capable, expressed in "C days". Normally the same day as
 40 the LAD.
 41

42 (41) (U) DEST LOAD CONFIG (Destination Load Configuration). Normally
 43 "N" Not Applicable. Examples can be found by placing your cursor in the DEST
 44 LOAD CONFIG column and pressing (Alt + F1).
 45

46 (42) (U) DEST DISCH CONSTRAINT (Destination Discharge Constraint).
 47 Normally "N" No Special Considerations. Examples can be found by placing
 48 your cursor in the DEST DISCH CONSTRAINT column and pressing (Alt + F1).
 49

50 (43) (U) CRD (CINC Required Delivery Date). Specified by Supported
 51 CINC. Identifies dates and requires a unit to be fully functional and
 52 mission capable.
 53

54 d. (U) Minimize the MOVEMENT SUMMARY window.
 55

56 **STEP 8:**