

CLASSIFIED BY CO 33rd MAU
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DATE OF REVIEW _____

UNCLASSIFIED

CTF-193/33rd MAU: Control Order 1-73

Ex GOLDEN DRAGON-73

301 435 (u)
301 583 (u)

CONFIDENTIALHEADQUARTERS MARINE CORPS
ROUTING SHEET (5511)
NAVMC HQ 335c (REV. 6-71)

301435 33D MAU/CTF 193 CONTROL ORD1-73

3121 MAU 0507

1 TB14T

DOCUMENT
CONTROL
NUMBER

SUBJECT

FILE
NUMBERORIGI-
NATOR

ORIGINATOR CONTROL NO.

CY.
NO.

MO.

DA.

YE.

DATE

ROUTING - Use numbers to show order of routing

OPERATION CODE

X - ORIGINATING OR OFFICE
AFFIXING ROUTING SHEET
A - FOR APPROPRIATE ACTION
B - FOR GUIDANCE
C - FOR SIGNATURE
D - FOR COMMENT
E - FOR RECOMMENDATION
F - FOR CONCURRENCE

G - FOR INFORMATION

H - RETURN TO

I -

J - DISPOSITION

DISPOSITION INSTRUCTIONS

(COMPLETED BY ACTION OR ROUTING OFFICER AS APPROPRIATE)

RECIPIENT MAY DESTROY (*Destruction Report required*)

RETURN TO HQ CLASSIFIED FILES FOR FURTHER ROUTING OR RETENTION AS APPROPRIATE

RETENTION PERIOD ESTABLISHED BY ROUTING OFFICER AS:

MONTHS INDEFINITE (*Historical Value*)UNTIL SUPERSEDED PERMANENTLY (*Record Material*)

UNTIL OVERTAKEN BY EVENTS AS DETERMINED ON ANNUAL REVIEW

REQUEST ACTION OFFICER ADVISE RETENTION ABOVE:

SIGNATURE OF OFFICER ESTABLISHING DISPOSITION

SECTION

RTG.	OPI. CODE	ADDRESSEES	DATE		INITIAL
			IN	OUT	
		COMMANDANT			
		ASSISTANT COMMANDANT			
		MILITARY SECY TO CMC A			
		CHIEF OF STAFF			
		SECY OF GEN STAFF AD			
		DC/S (P & P) AT			
		ADC/S (PLANS) (JPG) ATA			
		ADC/S (PROG) ATB			
		DC/S (MANPOWER) AK			
		PERSONNEL DEPT. D			
		DC/S (AIR) AA			
		DC/S (RD&S) AX			
		G-1 AO1			
		G-2 AO2			
		G-3 AO3	3/27	4/4	gmr
		G-4 AO4			
		COMM-ELEC AO4C			
		SUPPLY DEPT. (QMG) CH			
		AGMG (FAC & SERV) CO			
		HISTORICAL HD			
		ADMINISTRATIVE AB			
		MCCC AC			
		COUNSEL AE			
		RESERVE AF			
		INFORMATION AG			
		CHAPLAIN, USMC AH			
		JUDGE ADVOCATE AI			
		MEDICAL OFF, USMC AM			
		DENTAL OFF, USMC AN			
		DATA SYSTEMS AP			
		POLICY ANALYSIS AQ			
		LEGISLATIVE AR			
		FISCAL AS			
		WOMEN MARINES AW			
		SYSTEMS SUPPORT AY			
		INSPECTOR GENERAL AZ			
		JOINT CONTROL			
		CLASSIFIED FILES ABQ			

REMARKS (Entries to be signed and dated. For lengthy comments attach separate page and indicate "Backlog Comment Attached." Do not assign separate Control Number to Backlog Comments.)

G-3RETURN TO ABQ
UPON COMPLETION OF ROUTINGDO NOT DETACH—THIS FORM IS A PERMANENT
PART OF THE DOCUMENT TO WHICH IT IS
ATTACHED.MATERIAL
ATTACHED IS**CONFIDENTIAL**

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EXERCISE GOLDEN DRAGON 73



CTF 193

201435

CONTROL ORDER

1-73

0507
33rd.

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31 DEC. 1973
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MARINE AMPHIBIOUS

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UNIT

COPY NO.

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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO San Francisco 96602
 141700I March 1973

Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)

- Ref: (a) CincPacFlt 012344Z Feb 73 (S), LOI for ROK/US Combined Amphibious Exercise (Exercise GOLDEN DRAGON-73) (U)
- (b) CG III MAF 250910Z Feb 73 (C). Letter of Instruction (LOI) 1-73 for ROK/US Combined Amphibious Exercise (Exercise GOLDEN DRAGON-73)
- (c) CTF 192 Operation Order 341 (Exercise GOLDEN DRAGON-73) (U)
- (d) CTF 193 Operation Order 1-73 (Exercise GOLDEN DRAGON-73) (U)
- (e) Maps: KAMS Series L752 1:50,000, Sheets 4017 I and II

Time Zone: I

1. SITUATION

a. General

- (1) Commander, Seventh Fleet directed a combined ROK/US Amphibious Exercise be conducted in Korea during 31 March - 8 April 1973. Reference (a) established COMNAVFOR KOREA as the Officer Scheduling the Exercise (OSE), COMPHIBFORSEVENFLT/CTF 76 as Officer Conducting the Exercise (OCE) and COMPHIBRON THREE/CTF 76.5 as Commander Amphibious Task Force. CG III MAF/CTF 79 designated CO 33d MAU/CTG 79.5 as Commander Landing Force.
- (2) Major elements of the Amphibious Task Force will be from the ROK Navy and Marine Corps Units and TF 76 and TF 79. In addition US Naval Units will participate in advance force and ASW Operations incident to the movement and landing phases of the exercise.
- (3) Periods of the Exercise:
 - 31 March: US Forces conduct opposed sortie.
 - 1-2 April: UNREP and movement to AOA.
 - 2 April: Rendezvous with ROK Forces at sea.
 - 3 April: Rehearsal landing/critique.
 - 4 April: D-Day
 - 8 April: Withdrawal/Backload.
 - 8 April: Critique.

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- (4) The exercise will include embarkation, movement to the objective area, rehearsal, advance force operations, amphibious assault landing, operations ashore, tactical withdrawal and backloading. Assault landing and rehearsal landing will be conducted in the vicinity of POHANG and see approaches.
- (5) 33d MAU Concept provides for BLT 2/3 (ROKMC) commencing at H-Hour, landing two companies over Red Beach 1 and landing one company into landing zone PHEASANT to seize LF Objective B. Commencing at H-Hour, BLT 2/4 (USMC) lands one company over RED BEACH 2 and at L-Hour land one company into landing zone HAWK to seize LF Objective A and at H+ (following assault lift of ROKMC) into landing zone SPARROW to occupy Hill 320. Prior to H-Hour and commencing on D-1, landing zones and objectives will be prepared by naval gun fire and aerial bombardment.

(6) See reference (a) and (b).

b. Enemy Forces

(1) See Annex B (Intelligence).

(2) ROKMC forces only will be opposed by an actual aggressor force. See Annex E (Aggressor).

c. Friendly Forces. Forces under the control of the TEC. See Annex A (Task Organization).

d. Attachments and Detachments. See Annex A (Task Organization).

2. MISSION. The Tactical Exercise Control Organization for Exercise GOLDEN DRAGON - 73 provides the direction, control, and limited evaluation necessary to exercise each echelon of the landing force in order to achieve the assigned exercise objectives.

3. EXECUTION

a. General. The Tactical Exercise Control organization (TEC) is composed of a combined ROKMC/USMC Headquarters and two Umpire Control Groups. A ROKMC Colonel functions as the exercise coordinator and heads the TEC organization. The TEC Headquarters provides overall coordination and control of the landing force and aggressor movement and maneuver. The ROKMC and USMC Umpire Groups function as separate organizations under the combined TEC Headquarters. They are responsible for the detailed control of movement and maneuver of the ROK and US forces.

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b. Execution(1) Tactical Exercise Control Headquarters

- (a) Organize an exercise control organization in accordance with Annex M (Administrative/Logistics Plan).
- (b) Publish exercise control instructions. See Annex C (Concept of Control).
- (c) Publish an exercise control script. See Annex L (Scenario).
- (d) Brief and train Aggressor Units (ROKMC).
- (e) Conduct TEC field training/Command Post Exercise.
- (f) Provide effective communications for the TEC and Umpire Groups throughout the exercise.
- (g) Establish requirements for air support of administrative and liaison flights. See Annex G (Air).
- (h) Be prepared to brief VIP's (ROKMC).
- (i) Establish procedures for the participation by the TEC in the exercise critique. See Annex N (Critique Plan).
- (j) Prepare and distribute a Post Exercise Report.

(2) Umpire Groups

- (a) Organize the Umpire Control Group in accordance with Annex M (Administrative/Logistics Plan).
- (b) Organize and conduct an Umpire School.
- (c) Brief participating units on the conduct, control, and rules of the exercise.
- (d) Control and influence the exercise by enforcement of the rules of the exercise and the introduction of exercise events.
- (e) Resolve issues that may arise between opposing forces.
- (f) Evaluate the performance of participating units with respect to the degree they did or did not achieve objectives.

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- (g) Assist in the accumulation, recording, and evaluation of data.
- (h) Assist in the presentation of the Post Exercise Critique and in preparation of the Post Exercise Report.
- (i) See Annex D (Umpire Control).

(3) Aggressor Forces

- (a) Organize Aggressor Unit in accordance with Annex E (Aggressor Unit).
- (b) Establish the training syllabus and conduct training to ensure personnel are familiar with their roles and duties as the Aggressor.
- (c) Establish directives for guidance and control of the Aggressor.
- (d) Ensure actions of the Aggressor Force conform to the Scenario and instructions from the TEC Headquarters.

c. Coordinating Instructions

(1) Days and Hours

- (a) See Appendix 1 (Schedule of Events) to Annex C (Concept of Control).
 - (b) D-Day: 4 April 1973.
 - (c) L-Hour (USMC): 0600.
 - (d) H-Hour: 0800.
- (2) Exercise GOLDEN DRAGON will be conducted in a conventional weapons environment.
- (3) Annex L (Scenario) will be distributed separately and no copies will be permitted to be given to participating friendly forces.
- (4) Post exercise critique. See Annex N (Critique Plan).
- (5) Reports. See Annex O (Reports).

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4. ADMINISTRATIVE AND LOGISTICS

- a. General guidance and procedures for conduct of personnel and logistics play during the exercise are contained in Annex I (Personnel) and Annex J (Logistics).
- b. Instructions for actual logistics support and administrative management of the TEC Organization are contained in Annex M (Administrative/Logistics Plan).

5. COMMAND AND SIGNAL

- a. See Annex H (Communication - Electronics).

b. Command Posts(1) Pre-Exercise

TEC (ROKMC)	HQ, 1st ROKMC Div, POHANG, KOREA
TEC (USMC)	Bldg 2394, Camp Hansen, OKINAWA


(2) Exercise TBA(3) Post-Exercise

TEC (ROKMC)	HQ, 1st ROKMC Div, POHANG, KOREA
TEC (USMC)	TBA

- c. See Annex K (Command Relationships).

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

ANNEXES:

- A - Task Organization
- B - Intelligence
- C - Concept of Control
- D - Umpire Control
- E - Aggressor Unit (Issued by ROKMC only)
- F - Rules of Exercise
- G - Air
- H - Communication-Electronics

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- I - Personnel
- J - Logistics
- K - Command Relationships
- L - Scenario (Issued Separately)
- M - Administrative/Logistics Plan
- N - Critique Plan
- O - Reports
- P - Distribution

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON - 73)

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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO San Francisco 96602
 141700I March 1973

Annex A (Task Organization) to Exercise Control Order 1-73
 (Exercise GOLDEN DRAGON-73)

Ref: (a) CTF 193 Operation Order 1-73 (Exercise GOLDEN
 DRAGON-73)

Time Zone: I

33d Marine Amphibious Unit (TF 193) Col WILLIAMSON

HQ 33d MAU
 DET 1st Rad Bn FMF
 DET 7th Comm Bn

BLT 2/3 (TG 193.1) NOTE 1 LtCol OH

2d Bn 3d Mar
 DET 1st ANGLICO (US)
 DET 2d ANGLICO (ROK)
 2d Plt Recon Co
 2d Plt 2d Engr Co Engr Bn
 2d Plt 4.2 Mortar Co 3d Mar
 2d Btry 1st Bn 11 Mar
 2d Amtrac Co Amtrac Bn
 2d Shore Party Co SP Bn
 2d Plt 2d Co Tank Bn

BLT 2/4 (TG 193.2) LtCol KIRBY

2d Bn 4th Mar
 DET Hq Bn 3d MarDiv
 1st Plt Co D 3d Recon Bn
 2d Plt Co C 3d Engr Bn
 2d Plt Co B 3d Tank Bn
 3d Plt Co B 1st Amtrac Bn
 DET Hq Btry (SFOP) 2d Bn 12th Mar
 Btry F 2d Bn 12th Mar

Landing Force Aviation (TG 193.3) LtCol SAUTTER

HQ Landing Force Aviation
 HMM 164
 MACS-4 (-)
 MASS-2 (-)

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Logistics Support Unit (TG 193.4)

Capt TOEPFER

Hq Logistic Support Unit
DET H&S Bn 3d FSR
DET 3d Serv Bn
2d Plt Co C 3d SP Bn
1st Plt Co C 3d MT Bn
DET 3d Dental Co
DET BMU


MAU Reserve (TG 193.5)

Co 2d Bn 4th Mar

NOTE 1: ROKMC forces remain OPCON CINCUNC and report to CATF/CLF for coordination and cooperation during planning and execution of this exercise.

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KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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1-73 (Exercise GOLDEN DRAGON-73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
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141700I March 1973

Annex B (Intelligence) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

Ref: (a) Maps: KAMS Series L752, 1:50,000, Sheets 4017 I and II
(b) FM 30-102
(c) FM 30-103
(d) III MAF Order P3800.1B

Time Zone: I

1. GENERAL. Reference (a) is the standard tactical map to be used in referring to location of Aggressor Forces. The Order of Battle on the Aggressor Forces used in this exercise can be found in references (b) and (c) with any variations reflected in this Annex.
2. AGGRESSOR MILITARY SITUATION. See Appendix 1 (Order of Battle)
3. INTELLIGENCE INPUT
 - a. Intelligence inputs to the problem will be from the S-2 TEC to 33d MAU and subordinate units by the unit TEC representative. All reporting of and requests for intelligence information by 33d MAU units will be in accordance with reference (d). Exercise message format instructions are contained in Annex H (Communication-Electronics) of this order.
 - b. The Chief Intelligence Controller (S-2 TEC) coordinates the release of all intelligence on Aggressor Forces and characteristics of the area of operations.
 - c. Aggressive intelligence collection by participating unit S-2's is stressed because much of the information and intelligence acquired by the units must be a direct result of their specific orders and requests.
 - d. The S-2 TEC will be the responding agency to any constructive 33d MAU Intelligence requirements to higher headquarters regarding the ground AOA.
 - e. Damage assessments and/or air observer reports will be provided by TEC Headquarters/unit umpires through scenario inputs which will include:
 - (1) Coordinates of the target shot or area to be observed.
 - (2) Type of information desired.
 - (3) Time of the incident.
 - (4) Type/quantity ordnance used (Damage Assessment Only).

The participating Unit Umpire will then obtain the desired information from the TEC Headquarters and return it to the requesting unit.

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4. INTELLIGENCE PLAY

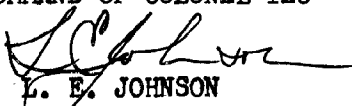
- a. Pre-D-Day Intelligence. Play will start when directed in the form of message input to participating units. Some Pre-D-Day Intelligence such as the initial photo coverage read out will be necessary to build the Aggressor defensive situation. This intelligence will be available in the form of Imagery Interpretation Reports. A request must be originated by the Landing Force or Amphibious Task Force to receive these reports.
 - b. Counter-Intelligence. Play will be both actual and constructive. All normal security measures will be strictly adhered to in accordance with reference (d). Constructive messages will be originated by TEC Headquarters and action will be taken by Landing Force units accordingly.
 - c. Technical Intelligence. There will be no technical intelligence introduced into this exercise.
 - d. Aggressor Forces. Aggressor Ground Forces will be constructive in the US Zone of Action. Aggressor (Air) will be constructive and in accordance with Annex G (Air Operations).
 - e. Prisoners of War (PW). PW's will be constructive in the US Zone of Action; however, units are expected to react to any PW Message traffic; e.g., PW collection points must be designated, PW instructions written, etc., PW's in the ROK Zone of Action will be in accordance with Annex F (Rules of the Exercise) and Annex E (Aggressor Unit) and Annex I (Personnel).
 - f. Captured Documents. Captured Documents will be introduced through the unit umpire. These documents will be programmed in the scenario. See Annex L (Scenario).
5. TOPOGRAPHY, CLIMATOLOGY AND TIME ZONE. The Topography, Climatology and Time Zone will be actual in this exercise. All problem play will reflect these factors for planning and execution.

6. EVALUATION

- a. Umpires will observe and evaluate intelligence play in the following areas: (1) Maintenance of situation map, (2) Dissemination of intelligence via INTSUMS, etc., (3) Formulation and dissemination of a continuing intelligence estimate.
- b. Evaluations will be submitted as a part of the situation report and included in Post Exercise Reports. See Annex O (Reports).

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

BY COMMAND OF COLONEL YEO


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

APPENDIX:

1 - Order of Battle

B-2
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GOLDEN DRAGON - 73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
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141700I March 1973

Appendix 1 (Order of Battle) to Annex B (Intelligence) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)

Ref: (1) FM 30-102 Handbook on Aggressor Military Forces.
(2) FM 30-103 Aggressor Order of Battle Book
(3) CTF 192 Operation Order # 341 (Exercise GOLDEN DRAGON - 73)

1. GENERAL. Aggressor Forces in the Amphibious Objective Area (AOA) consist of Naval, Ground and Air elements of Regional Command AZIO. Detailed information concerning each of these components is contained in Tabs A through D.

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L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

TABS:

- A: Order of Battle Map
- B: Aggressor Ground Forces
- C: Aggressor Aviation
- D: Aggressor Navy

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

B-1-1

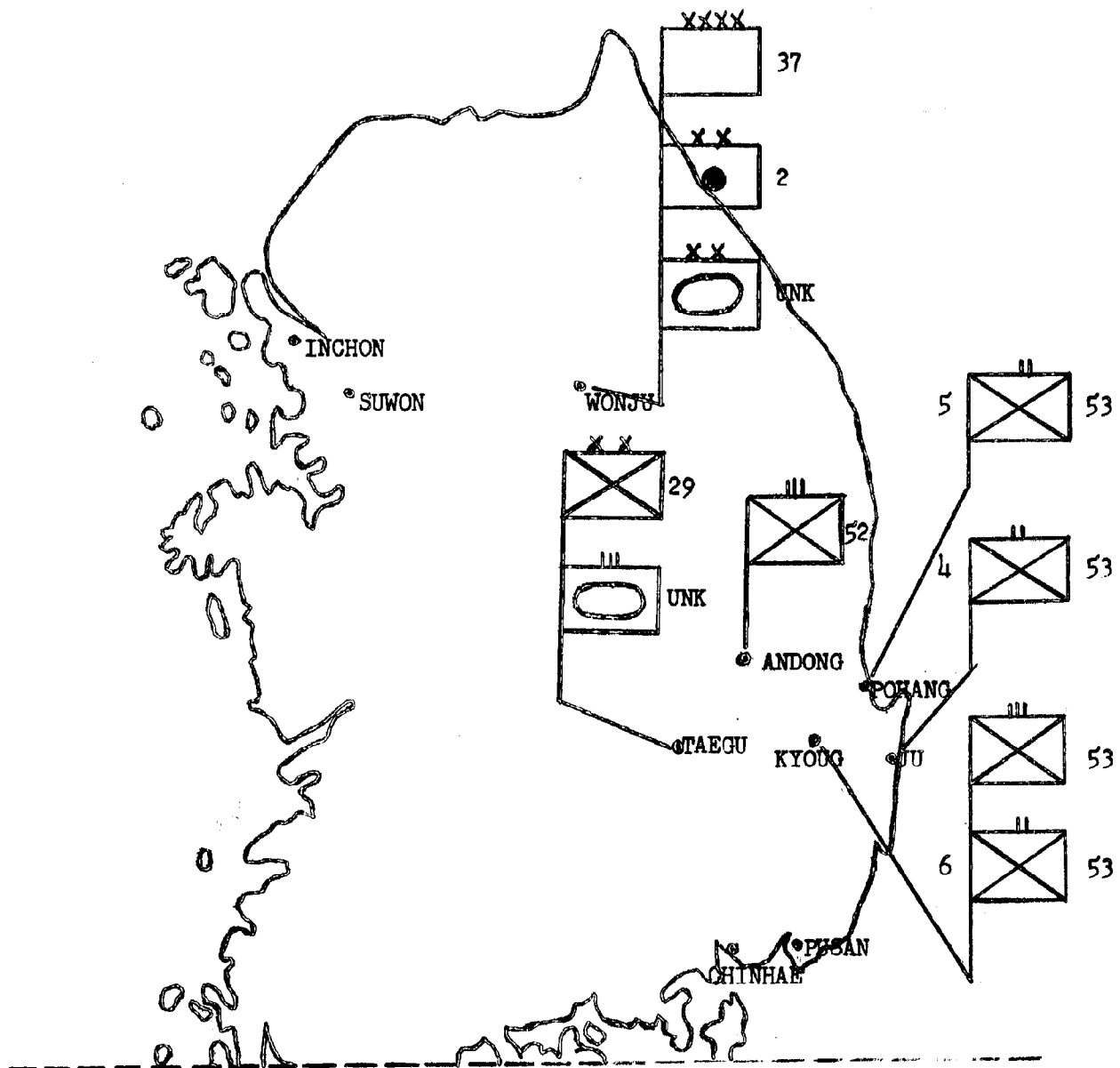
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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
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TAB A (Order of Battle Map) to Appendix 1 (Order of Battle) to Annex B (Intelligence)
 to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)



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L. E. JOHNSON

Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

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B-1-A-2

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Tactical Exercise Control (TG 193.7)
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TAB B (Aggressor Ground Forces) to Appendix 1 (Order of Battle) to Annex B (Intelligence) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

AGGRESSOR GROUND FORCES

1. COMPOSITION. The Aggressor Ground Forces currently capable of operations in the Amphibious Objective Area (AOA) are elements of the Regional Command AZIO; the 53rd Regiment, 29th Rifle Division (Mountain), 37th Combined Arms Army (CAA), Army Group Birmo, AZIO. (See Page B-1-B-3 Aggressor Unit Composition).
2. DISPOSITION. Currently, the 53rd Regiment Headquarters and one (1) Battalion are located vicinity KYONG JU (EQ6518) with one (1) Battalion located vicinity POHANG. The remaining Battalion is located in the AOA, and has been identified as the 4th Battalion, 53rd Regiment.
3. STRENGTH. The present strength of the 53rd Regiment is assessed to be 2153 personnel. The one battalion in the AOA has a strength of 440. (See Page B-1-B-4, Personnel Equipment and Weapons Strength).
4. AVAILABILITY OF REINFORCEMENTS. The ground forces within the AOA could be reinforced by the other two battalions of the 53rd Regiment within a period of 18 hours or less. Total strength of the reinforced units could be 1200 personnel, and could be supported by aircraft and organic supporting arms,
5. MOVEMENT AND ACTIVITIES. Since occupying the objective area, the 4th Battalion has been observed constructing defensive positions, establishing road blocks, patrolling beaches, high grounds and avenues of approach; and establishing firing positions and stocking supply points. Present locations of the subordinate companies are at coordinates EQ304509, EQ385445 and EQ419513.
6. LOGISTICS. Aggressor offensive operations impose great demands on logistics organizations at all levels. Preparations for logistical support of offensive operations are characterized by well-coordinated detailed planning, centralization of resources, and prestocking of large quantities of supplies well forward. Transportation resources are rigidly centralized in order to complete logistical buildups efficiently and promptly.
 - a. Replacement System. Aggressor forces in the field are supplied with personnel from replacement units in the homeland. The replacements are derived from new recruits, disbanded units, hospital discharges and recovered personnel. If possible, replacements are fed into a unit that has been withdrawn from the line for rehabilitation. Aggressor forces are normally withdrawn while units still have a strong cadre to build on. Aggressor considers a unit combat fit as long as they maintain a strength of at least 65% T/O.

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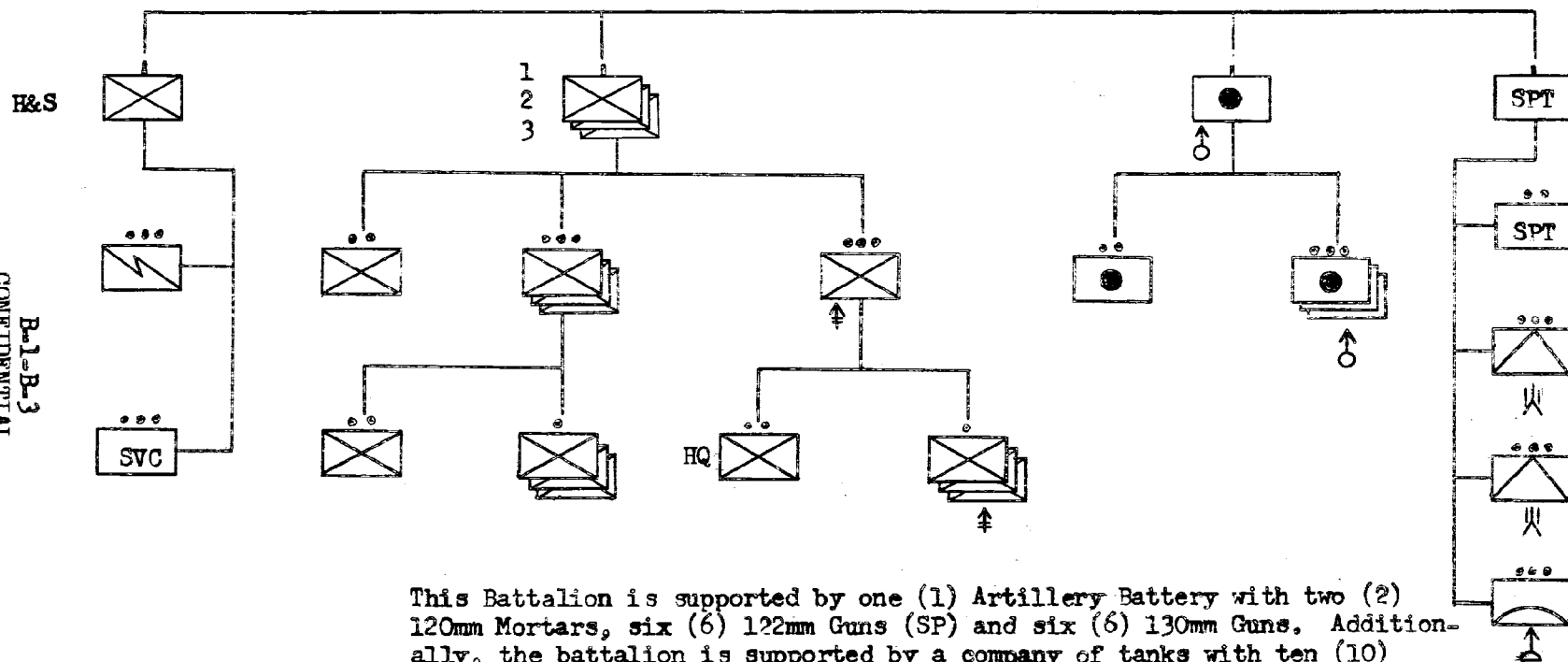
- b. Resupply. Logistical buildup includes dumping of ammunition at firing positions, establishment of dumps in regimental areas, and stocking of advance supply bases. Air resupply is employed in critical combat situations. Aggressor development of cargo aircraft and airdrop equipment indicates that the aggressor places great importance on this method of resupply.
 - c. Medical. The aggressor military medical service is well organized and efficient. Among medical personnel in the field the aggressor has the services of a corps of highly dedicated women stretcher bearers and nurses. These medical assistants perform their jobs with great esprit. The 53rd Regiment has a medical platoon staffed with doctors, medical assistants, nurses and drivers. The medical platoon normally processes patients for medical evacuation to the division.
7. SIGNIFICANT STRENGTHS AND WEAKNESSES. All units within the 53rd Regiment are trained to function with large type artillery weapons which may be air landed or air dropped into an area of operations to provide additional artillery support to rifle units.
8. IDENTIFICATION OF AGGRESSOR PERSONNEL AND VEHICLES. Aggressor personnel and vehicles will be in accordance with FM 30-102 except as noted below.
- a. The aggressor personnel will wear the camouflage utility uniform with utility cover. A red star will be placed in the front center of the cover. The aggressor insignia will be placed on both shoulders.
 - b. Wheeled vehicles will display a thirty centimeter high red triangle within a white circular field. This design will be centered on the right door of all aggressor vehicles.

B-1-B-2

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AGGRESSOR UNIT COMPOSITION

4  53rd Regt, 29th Div, 37th CAA Army, Group BURMO, AZIO



This Battalion is supported by one (1) Artillery Battery with two (2) 120mm Mortars, six (6) 122mm Guns (SP) and six (6) 130mm Guns. Additionally, the battalion is supported by a company of tanks with ten (10) Inter medium tanks.

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PERSONNEL, EQUIPMENT, AND WEAPONS STRENGTH

	OFFICERS	ENLISTED	TOTAL	57mm AT GUN (SP)	82mm RCL GUN	82mm MORT	14.5 AD MG (Dual)(SP)	120mm MORT	122mm GUN SP	130mm GUN	INTERA TANK	7.62mm HV MG	7.62mm LT MG	82mm AT LCHR	MANKO RADAR	TRUCKS
INF BN																
H&S CO	10	81	91												1	8
HQ SEC	(7)	(9)	(16)													(1)
SIG PLT	(1)	(13)	(14)												(1)	(1)
APC PLT	(1)	(48)	(49)													
SVC PLT	(1)	(11)	(12)													(6)
RIFLE CO (3)	6	105	111									6	9	9		1
HQ SEC	(2)	(5)	(7)													(1)
RIFLE PLT (3)	(1)	(25)	(26)										(3)	(3)		
HQ SEC	(1)	(1)	(2)													
RIFLE SQD (3)		(8)	(8)										(1)	(1)		
MG PLT	(1)	(25)	(26)									(6)				
HQ SEC	(1)	(1)	(2)													
MG SQD (3)		(8)	(8)									(2)				
ARTY BTRY	5	210	227					2	6	6						36
TR CO	5	11	16								10					
MORT BTRY	5	13	18			6										2
HQ SEC	(2)	(7)	(9)													(2)
MORT PLT (3)	(1)	(12)	(13)			(2)										
SPT BTRY	5	48	53	3	3		2									2
HQ SEC	(2)	(3)	(5)													(2)
AT GUN PLT	(1)	(17)	(18)	(3)												
RCL GUN PLT	(1)	(13)	(14)		(3)											
AD MG PLT	(1)	(15)	(16)			(2)										
TOTAL	10	738	793	3	3	6	2	2	6	6	10	18	27	27	1	51

B-1-E-4
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L. E. JOHNSON

Major, U. S. Marine Corps
Exercise Director

KIM FYO JOON

Lieutenant Colonel, ROK Marine Corps
Exercise Director

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GOLDEN DRAGON - 73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO, San Francisco 96602
141700I March 1973

TAB C (Aggressor Aviation) to Appendix 1 (Order of Battle) to Annex B (Intelligence)
to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

AGGRESSOR AVIATION

1. CAPABILITIES AND LIMITATIONS

- a. The Aggressor's lack of fighter and attack aircraft concedes air superiority to the friendly forces.
- b. He does however enjoy an air-reconnaissance capability by virtue of light helicopter assets.

2. STRENGTH, LOCATION AND COMPOSITION. A section of four (4) H-2 Helicopters have been attached to 53rd Regiment and are disposed at TAESONG.

3. REINFORCEMENT. There are no aviation forces available to reinforce the Aggressor in the AOA.

4. AIRFIELDS. The following is constructive for exercise purposes: TAESONG (35°44'00"N/129°19'45"E) has one (1) runway 10,000 x 200 feet with asphalt surface in good condition. The parking aprons are still under construction.

5. AIRCRAFT DATA. Observation helicopter H-2, maximum speed 200 kmh, operating radius 220 km, maximum payload 300 kg. This aircraft carries a crew of one (1) pilot and one (1) observer. It can be equipped with floatation devices and normally has four (4) 7.62mm machine guns.

BY COMMAND OF COLONEL YEO



L. E. JOHNSON

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

Major, U. S. Marine Corps
Exercise Director

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TAB D (Aggressor Navy) to Appendix 1 (Order of Battle) to Annex B (Intelligence)
to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

AGGRESSOR NAVY

1. MISSION. The Aggressor Navy is charged with conducting offensive operations against enemy navies, defense of coastal areas and naval installations.
2. CAPABILITIES AND LIMITATIONS. The Aggressor Navy is incapable of affecting friendly operations in the AOA.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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ANNEX C (Concept of Control) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON-73)

Ref: None

Time Zone: I

1. MISSION. The Tactical Exercise Control (TEC) Organization for exercise GOLDEN DRAGON-73 provides the direction and control necessary to exercise every echelon of the Landing Force in order to achieve assigned objectives.
2. CONCEPT OF CONTROL. In order to accomplish the training objectives listed in Appendix 2 (Training Objectives), Exercise GOLDEN DRAGON will be a maneuver controlled by:
 - a. Employing a scenario for the purpose of introducing events which will require reaction on the part of Landing Force elements.
 - (1) There are three types of events which will be introduced into the exercise: Special Events, Opportunity Events, and Routine Events.
 - (a) Special events are pre-planned, time sequenced events that are designed to test specific objectives or portions of the exercise.
 - (b) Opportunity events are those events to be used by the umpire when there is a need for activity within the unit not provided for by the special or routine events.
 - (c) Routine events are those events designed to keep the exercise moving and to test doctrine within the various areas, such as; personnel, logistics, supporting arms, and air events.

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- (2) Events may be introduced into the exercise from TEC Headquarters, through individual participating unit umpires, or through execution by aggressor forces. Events normally will be introduced into the exercise or accomplished by aggressor forces without clearance from TEC Headquarters. There will be occasions, however, when Landing Force reactions are not those anticipated, forcing variations to the scenario which will be cleared with TEC Headquarters.
- b. A Joint Tactical Exercise Control Headquarters which coordinates the play of the scenario and controls the exercise. The control function involves keeping abreast of the situation and guiding the exercise so that exercise objectives are achieved and the play is conducted within the parameters of the scenario.
 - c. An Umpire Group which exercises control over both the Landing Force and Aggressor unit movement and maneuver.
 - (1) The umpire function is principally arbitration and judging. The umpire stays abreast of the situation, applies judgement and furnishes information that participating units could not otherwise obtain and observe due to the simulation required in the exercise.
 - (2) Umpires insert events to the participating units as appropriate to conform to the scenario concept, or to influence the actions of the participating units in accordance with TEC Headquarters decisions. Insofar as possible, umpires are given maximum latitude to use scenario events to control unit movement and maneuver in accordance with sound tactical principles and the concept of the exercise contained in the scenario.
 - (3) Umpires report what has happened and receive information and instruction from the TEC Headquarters through the TEC communication system.

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- (4) Umpires become thoroughly familiar with the plans and operational procedures of the participating units they umpire and keep TEC Headquarters fully informed as to planned and actual movement and maneuver.
- (5) For detailed instructions see Annex D (Umpire Control).
- d. Ground aggressor units employed to oppose the Landing Force. See Annex E (Aggressor Unit).

3. LIMITS OF CONTROL.

- a. Landing Force. Participating Units of the landing force will have maximum freedom of decision and action consistent with the accomplishment of the exercise objectives and within the limits of the rules of the exercise, maneuver area restrictions and scenario.
- b. Aggressor Forces. Ground and Air Aggressor Forces are constructive for U.S. Forces. All Aggressor Forces are a training device used by the TEC Headquarters to assist the Landing Force in the accomplishment of training objectives and will be limited in their freedom of action by the scenario and instructions from the TEC. Consequently, their actions will be controlled in a maneuver best calculated to help the Landing Force realize its objectives.
- c. Umpires. Umpires will be assigned to various participating units primarily for control purposes. They will be governed by the following general rules and Annex D (Umpire Control):
 - (1) Remain neutral in all their actions.
 - (2) Decisions will be final and, if not resolved at lower level, will be referred to the next higher umpire echelon.
 - (3) Unnecessary exposure which tends to reveal the positions of the unit umpired must be avoided.
 - (4) Troop interference must be avoided.

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d. Evaluation function.


- (1) The evaluation function is separate and distinct from control and umpiring. As such, it is of secondary importance to and should not interfere with the primary mission of providing effective direction and control of the exercise. There are four evaluation objectives for Exercise GOLDEN DRAGON-73:
 - (a) Assessment of the effectiveness of the exercise control system.
 - (b) Informal evaluation of participating units to assist them in deriving training benefits from the exercise.
 - (c) Evaluation of the accomplishment of the stated exercise objectives.
 - (d) Evaluation of MINI-DASC (AN/UYQ-3).
- (2) Accomplishment of the evaluation functions during the exercise is informal. A separate system of evaluation or lengthy and meticulous observations are not desired.
- (3) Exercise Control System Evaluation. All TEC personnel will keep informal notes of problems encountered and recommendations to improve the control system. These notes will be incorporated into post exercise critiques and reports.
- (4) Evaluation of Participating Units. Evaluations should primarily be derived from the reaction of units to scenario event inputs. Evaluations should be specific, objective and factual. Subjective judgements and general evaluations of unit procedures, tactics, or planning should be avoided. These evaluations will be incorporated into umpire critiques of participating units and in post exercise reports. See Format for Post Exercise Report in Annex O (Reports) for specific areas to be commented upon.

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3. SPECIAL REQUIREMENTS. Timely and effective functioning of the umpire organization will require the following actions by Landing Force units.
- a. Commanders of Landing Forces at all levels will keep assigned umpires fully informed of the current situation and their contemplated action. They will arrange for umpires to attend conferences, briefings and staff planning meetings and will furnish umpires with any information the latter may request.
 - b. Commanders of the Landing Force units will furnish umpires with a copy of all reports which are required by higher headquarters.
 - c. Commanders must be willing to accept assessed equipment and personnel casualties, to effect simulated repairs on site or at rear echelon organizations, to process administrative and logistic matters; and, in general, to do all the other things they would naturally do in an extended combat situation.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

APPENDIXES:

- 1-Schedule of Events
- 2-Training Objectives
- 3-Maneuver Area Restrictions
- 4-FSC Method of Control

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Order 1-73 (Exercise GOLDEN DRAGON-73)

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Appendix 1 (Schedule of Events) to Annex C (Concept of Control) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON -73)

Ref: (a) Joint Planning Conference on combined amphibious training exercise 1-73 (Exercise GOLDEN DRAGON-73) of 12-16 Feb 1973.

12-16 Feb 1973	Joint planning conference on combined amphibious training exercise 1-73 (Exercise GOLDEN DRAGON-73).
25 Feb 1973	Letter of Instruction 1-73 issued on US/ROK combined exercise. Tactical Exercise Coordinator designated.
27 Feb 1973	Activate TEC. (US) Start Exercise Control Order Draft. (US).
4-8 Mar 1973	Combined TEC planning conference with ROKMC, Korea.
5 Mar 1973	Start intelligence estimate. (US).
9 Mar 1973	Complete draft Exercise Control Order. (US).
10 Mar 1973	Start Scenario draft. (US).
14 Mar 1973	Publish Exercise Control Order. (US).
15 Mar 1973	Start umpire training agenda. (US). Scenario draft completed. (US). Airlift request for TEC submitted to III MAF. (US).
22 Mar 1973	Umpire/Comm/HqComdt groups report. (US).
23 Mar 1973	Convene Umpire/Comm schools. (US).
24 Mar 1973	Complete/distribute Scenario. (US).

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26 Mar 1973	Assign Umpire/Comm personnel to units. Notify units concerned. (US).
27 Mar 1973	Complete Umpire/Comm schools. (US).
Mar 1973	Training and rehearsal for TEC and Aggressor elements. (ROKMC).
28 Mar 1973	Inspection of TEC personnel and equipment. (US). Stage for Pohang. (US).
29 Mar 1973	TEC move to field. (ROKMC) TEC to Pohang. (US).
30 Mar 1973	Establish TECC in AOA.
31 Mar -2 Apr 1973	Comm check/Terrain study/CHK. (Combined)
3 Apr 1973	Final preparation for D-Day.
4 Apr 1973	D-Day
8 Apr 1973	Exercise complete. Critique Location TBA.
9 Apr 1973	TEC to Okinawa. (US).
10 Apr 1973	Start Post Exercise Report. (US).
14 Apr 1973	Umpires submit Post Exercise Reports. (US).
15 Apr 1973	Release all but Senior Umpire. (US).
19 Apr 1973	Draft of Post Exercise Report Complete. (US).
20 Apr 1973	Release all but essential TEC personnel. (US).
21 Apr 1973	Publish Post Exercise Report. (US).
24 Apr 1973	Deactivate TEC Headquarters. (US).

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KIM PYO JOON
Lieutenant Colonel ROK Marine Corps
Exercise Director

L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Appendix 2 (Training Objectives) to Annex C (Concept of Control) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON -73)

Ref: (a) Joint planning conference on combined training exercise 1-73 (Exercise GOLDEN DRAGON-73)

(b) CG III MAF 250910Z Feb 73 (C) LOI 1-73 ROK/US Combined Amphibious Exercise GOLDEN DRAGON-73

1. GENERAL. References (a) and (b) prescribe the training objectives for Exercise GOLDEN DRAGON -73.

a. US Training Objectives

- (1) To develop and exercise the capability to plan and execute a combined amphibious operation.
- (2) To exercise the MINI-DASC/AN/UYQ-3 (Mobile DASC) for Close Air Support (CAS) and Helicopter Direction, and the TAOC (-) and ASRT for control of air in the AOA.
- (3) To develop the capability of the MAU to conduct the initial ship to shore movement during an amphibious assault from an over-the-horizon stand off of the ATF.
- (4) To plan, execute and evaluate the following Logistics Support Techniques:
 - (a) Establishment of a limited logistics support installation ashore.
 - (b) Exercise the use of maintenance contact teams of the Seaborne Mobile Logistics System (SMLS) concept.
 - (c) TACLog operations.

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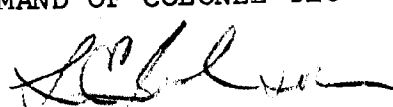
- (5) To test the AN/OCC-2 Multi-Channel Radio Communications in an assault environment in conjunction with LF communications equipment.
- (6) To exercise USMC and ROKMC forces in the conduct of an amphibious assault by vertical and surface means, and subsequent operations ashore.
- (7) To train a Sensor Employment Squad in support of operations ashore.

b. ROK Training Objectives

- (1) To improve the capabilities of planning and executing a combined US/ROK Amphibious Operation at brigade level.
- (2) To improve the coordination of the ROK Air and Naval Forces with concerned U.S. Forces.
- (3) To improve the coordination of supporting arms and increase the effectiveness of operations.
- (4) To improve the capabilities of communications with Allied Forces.
- (5) To develop pertinent amphibious tactics for Korean geographical situations.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Appendix 3 (Maneuver Area Restrictions) to Annex C (Concept of Control) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON -73)

Ref: (a) Maps: KAMS Series L752, 1:50,000 Sheets 4017 I, and II

1. GENERAL

- a. The land area of operations for Exercise GOLDEN DRAGON is in the general vicinity of POHANG, Korea (Reference (a)). Tactical movement of both Landing Force and Aggressor units is restricted to the area depicted on TAB A (Maneuver Area Restrictions Overlay).
- b. Limitations and restrictions contained in this Appendix apply to both Landing Force and Aggressor units unless specific authorization for variation is obtained from TEC Headquarters.
- c. ROK Armed Forces are actively involved in countering agent infiltrators from the sea. Coastal radars, patrol craft and beach defenses are employed. Conduct of exercise requires thorough coordination to the lowest level in order to prevent ACTUAL FIRING incidents against exercise Landing Forces.

2. DEFINITIONS

- a. Out of Bounds Area. An area closed to all exercise troops and vehicles.
- b. Cultivated Area. An area used for agricultural purposes.
- c. Populated Area. An area where local residents normally reside and a concentration of homes are found.
- d. Security Posts. Manned and fortified bunkers located on the coastline for counter infiltration operations.

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3. SPECIFIC MANEUVER AREA RESTRICTIONS. TAB A (Maneuver Area Restrictions Overlay) shows the boundaries of the maneuver area, out of bounds, cultivated and populated areas, and bridges and their characteristics. Supplementary information is contained in succeeding subparagraphs. Populated and cultivated areas are not restricted for troop use, but are areas where additional precautions must be taken when units are crossing them.

a. Out of Bounds Area

- (1) As shown on TAB A.
- (2) All non-exercise ROK military encampments and facilities.
- (3) The Security Posts shown on TAB A to this Annex. These posts are part of the ROKMC Counter infiltration (ACTUAL) operations.
- (4) All areas outside the limits of the Maneuver area.
- (5) Korean Tombs. Korean tombs are found throughout the maneuver area. They are usually located on hillsides; however, they may be found in other places as well. They are usually oblong earthen mounds which are raised between one and three feet and rimmed by a small shallow drainage ditch. These tombs may be found in other similar configurations. These tombs will be avoided by individuals and units while maneuvering.
- (6) Miscellaneous Areas. The interior or yard of any local buildings, temples, shrines, boats, fishing net areas, docks or schools.

- b. Cultivated Areas. May be crossed with care taken not to damage paddy dikes, drainage ditches and other man-made features. Cultivated areas where growth of crops is obvious will be crossed only on existing road nets.
- c. Vegetation. Trees, regardless of size, will not be cut down or damaged in any way. Dead limbs and other dead vegetation may be used for camouflage and construction of shelters.
- d. Populated Areas. May be crossed with care taken not to disturb private property or livestock.

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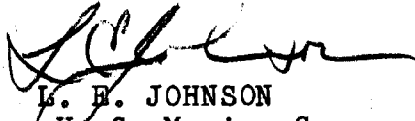
- e. Bridges. Vehicular traffic may move over bridges, as shown on TAB A, as long as weight limits are not exceeded. In cases where damage to bridges appears possible, bridges will not be used.
- f. Water. No untreated local water will be drunk. Cholera is endemic in the area where the exercise is to be conducted and Korean authorities strongly warn against using the local water.

4. LIMITATION ON FIELD FORTIFICATIONS AND OBSTACLES

- a. Field fortifications and obstacles will be limited to dummy mine fields only.
- b. Use of foxholes, bunkers, road blocks, tank traps, barriers or wire entanglements is prohibited.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Appendix 4 (FSC Methods) to Annex C (Concept of Control) to
Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-
73)

Ref: None

1. GENERAL

Supporting Arms Control Measures. Supporting arms umpires will continuously analyze the implementation of fire support coordination principles and the tactical employment of artillery, naval gunfire and close air support in order to determine the effectiveness of supporting arms missions and to assign or assess realistic damage assessments to supporting arms targets, as appropriate for the supported arms.

2. DAMAGE ASSESSMENT

- a. Damage assessments will be assessed for supporting arms missions employed on targets of opportunity, both point and area targets, engaged by Landing Force and Aggressor units.
- b. Supporting arms umpires at the BLT level will assign damage assessment for all observed Landing Force supporting arms missions controlled by their respective echelon, after receiving the information from TEC Headquarters on the effect of that supporting arm. The information for their supporting arms mission will be sent to and from TEC Headquarters on the event form as shown in Annex D (Umpire Control) and Annex O (Reports)
- c. Unit Umpires will assign damage assessments for all aggressor force supporting arms missions. Shell Reports/ Bomb Reports will be prepared and delivered to the proper Landing Force unit umpire. This report, which is necessary to complete the scenario event, must follow the "SCENARIO" event entered by the unit umpire.

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3. AMMUNITION EXPENDITURE

- a. Ammunition expenditures for artillery, naval gunfire and mortars will be assessed based on the actual number of rounds expended on each mission fired.
- b. Artillery and mortar ammunition expenditures must be monitored closely by all umpires in order to assure realism in the problem. The unit umpire can do this at the BLF FSC level by keeping Fire Cap and Ammunition reports current at all times. As these reports are turned in from each firing unit, a running total of each mission fired will then be subtracted from the original total "on an as fired basis". As this amount of ammunition is reduced, the umpires should check the report board and see if new ammunition has been ordered. Secondary measures are to check with the unit S-4 to see if the ammunition request has gone to higher headquarters.
- c. Naval Gunfire (NGF) Ammunition expenditures must be monitored closely by the Artillery umpire in order to assure realism in the exercise. In doing this the umpire will keep the TEC Headquarters informed over the appropriate TEC Control Net of current NGF capabilities to employment, changes and modifications to planned employment and actual support rendered.

4. REPORTS. See Annex O (Reports)

BY COMMAND OF COLONEL YEO


L. E. JOHNSON
Lieutenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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Annex D (Umpire Control) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)

Ref: (a) MAPS: KAMS Series L752, 1:50,000, Sheets 4017 I and II.

(b) FM 105-5

Time Zone: I

1. GENERAL. Reference (a) is the standard tactical map to be used in referring to the locations of the Landing Force and Aggressor Forces. Aggressor Ground Forces (Actual) used in this joint operation will be against participating ROKMC units only. All ground aggressor units opposing USMC units will be constructive. Guide lines for umpire control and instructions are contained in reference (b).
2. ORGANIZATION. The umpire group will be organized and assigned as shown in Annex M (Administrative/Logistics Plan) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)
3. RESPONSIBILITIES AND FUNCTION. The umpire control group will be responsible for the following tasks:
 - a. Control and influence the exercise by enforcement of the Rules of the Exercise in accordance with Annex F (Rules of the Exercise) and the introduction of exercise events as spelled out in Annex L (Scenario) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)
 - b. Resolve issues and or disputes that may arise between opposing forces.
 - c. Evaluate the performance of participating units with respect to the degree they did or did not achieve exercise objectives. Objectives for Exercise GOLDEN DRAGON-73 are contained in Appendix 2 (Training Objectives) to Annex C (Concept of Control).
 - d. Assist in the accumulation, recording and evaluation of data required to support test objectives.

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- e. Assist in the preparation of post-exercise reports as directed by the TEC. The Chief Umpire will also provide data to the Director, TEC, for presentation in the post exercise critique. Annex N (Critique Plan) and Annex O (Reports) contain format and required data inputs. All reports by umpires will be submitted to the Chief Umpire.
- f. Umpire reports will be objective and should be pointed toward the relative success of the tactics used in accordance with the below listed guide lines:
 - (1) Umpires will be impartial. When making announcements of an assessment of tactical or logistical nature the umpire will insure how the assessment takes effect, e.g., individual (s), part of the unit, or the entire unit. The assessment will be realistic, phrased and delivered in words and tone of voice creating the proper impression.
 - (2) Umpires will avoid interfering with troops and will not reveal the location of units, friendly or aggressor by unnecessarily exposing themselves. Unit umpires movement is not restricted to any particular area; they must have freedom of movement in order to best perform their duties.
- 4. CHAIN OF COMMAND. The umpire group will be organized by the Chief Umpire with a chain of command closely paralleling that of the force to be umpired. Umpires do not command Aggressor player echelons nor do they pass instructions to players with command authority.
- 5. TRAINING AND INSTRUCTIONS OF UMPIRES. The Chief Umpire is charged with the responsibility of instruction and training all umpires. Additionally an umpire school will be conducted in accordance with the training syllabus established by the Chief Umpire.
 - a. Personnel assigned to the umpire group will be provided all information necessary to enable them to perform their duties through:
 - (1) Attendance at briefings by the Tactical Exercise Director and his Staff.
 - (2) Written handouts and guides as required by the TEC.
 - (3) Personnel liaison with the commanders of units to which assigned.

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- (4) Briefings by the Aggressor Force Commander and his staff on his operations and maneuver plans.
- b. The Chief Umpire will determine the requirements for the following:
 - (1) Initial supplies and resupply necessary for umpires.
 - (2) Special equipment (Communications, flags, pyrotechnics, transportation, etc.). Supply and special equipment requirements will be submitted to the TEC, S-4.
 - (3) Briefing of the TEC each day if possible.
- 6. AGGRESSOR/UMPIRE UNIFORM AND VEHICLES IDENTIFICATION
 - a. Landing Force
 - (1) Personnel. Landing Force personnel will wear the normal uniform, i.e., utilities, steel helmet, with camouflage cover.
 - (2) Vehicles. Both wheeled and tracked vehicles will display normal organization markings.
 - b. Aggressor Forces
 - (1) Personnel. Aggressor forces will wear camouflaged utilities with utility cover with a red star placed in front center of the cover. Aggressor insignia will be placed on both shoulders in accordance with Tab B, Appendix 1 (Order of Battle) to Annex B (Intelligence).
 - (2) Vehicles Wheeled. A red triangle in a white circle 30 cm high. These will be placed on the right door center of the aggressor vehicles.
 - c. Actors (ROKMC only)
 - (1) Actors may wear either civilian or military clothing. They will carry an ID card and/or documents in the outer, upper left breast pocket only.
 - d. Umpire
 - (1) Umpire personnel will wear utilities, with a three inch white band on the left arm and a one inch white band around the cap.

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- (2) Umpire vehicles will carry a white flag. The white flag will also be used to indicate non-tactical vehicles.

e. Fire Marking Flags

- (1) RED FLAGS. Flags will be of a size 18"x18" either a solid red (direct fire) or red with a 10" white circle in the center (indirect fire (see (c) below)), will be used to indicate the effect of enemy fire power against the Landing Force. Whistles may be used by umpires when it is necessary to draw attention to the flag. When displayed, the red flags will indicate that the Landing Force is receiving certain types of fire, and that they are required to take the appropriate action in order to maneuver. Several types of fire may be received simultaneously. Whenever the red flag is displayed the umpire must tell the unit commander what type of fire is being received and from what direction. Types of fire are:
- (a) Limit of Advance. Indicates that the concerned Landing Force unit is receiving such a heavy volume of effective fire that further forward movement and troop exposure would result in extremely heavy casualties. Landing Force units may not move forward of their present position while the red flag is displayed. They may, however, withdraw or maneuver laterally. When it is determined that a Landing Force unit must break off contact with the enemy, the umpire will issue oral instructions to the troop leader concerned. When there is no limit of advance displayed, Landing Force units may advance or maneuver as desired.
 - (b) Small Arms Fire. Indicates that the concerned Landing Force unit is receiving small arms fire, but may continue to maneuver tactically in any direction.
 - (c) Artillery or Mortar Fire (Indirect). (Red w/ white Circle). Indicates that the concerned Landing Force unit is being shelled by artillery or mortars. It means fire is falling directly on concerned Landing Force units position.
 - (d) AT or Rocket Launcher Fire. Indicates the location of a heavy caliber direct fire weapon, delivering fire on a tank or vehicle within effective range of the weapon.

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- (2) Night Control. The red flags may be used during the hours of darkness. If used the umpire will shine a flashlight on the flag in such a manner that it will be visible to the Landing Force, and then advise the unit commander as to the exact meaning of the displayed flag, i.e., (a), (b), (c) or (d) above.

7. SPECIAL INSTRUCTIONS FOR UMPIRES. Umpires will ensure that the unit to which he is assigned is thoroughly briefed as to the umpire's function and methods of control.

- a. Each umpire will be provided a copy of Annex L (Scenario). Within the Scenario there will be:

- (1) Special Events. These events are preplanned time sequence events designed to obtain reaction of principal Landing Force elements and are significant to the general play of the problem.
- (2) Opportunity Events. Events introduced by the individual umpire at an opportune time for an appropriate unit. Opportunity events are for the purpose of filling time lags, to influence changes and to reverse unit actions.
- (3) Routine Events. This type of event can be inserted at any time by the TEC or the individual umpire. Examples of this event would be breakdown of equipment, resupply request and casualty assessment.
- (4) Order of Battle (OB) Events. Within the scenario there will be events that will relate to sizes and disposition of Aggressor Units. This OB event is designed to make the play of the exercise as realistic as possible. As needed the umpire will request identification of an OB event. TEC Headquarters will direct what event number to use and location by grid square.

- b. Event Identification. Each event is identified by a two part number. The first number will indicate the TEC Section originating the event and the second will be the chronological number.

- (1) Section Identifications:

Operations - 3
 Intelligence - 2
 Logistics - 4
 Personnel - 1
 Comm-Electronics - 10
 Air - 14
 FSC - 22

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- (2) Special events should normally follow numerical sequence, however, this is not a hard and fast rule. Opportunity, Routine, and Order of Battle events may be introduced one or more times.
- c. Insertion of Events. Unit umpires will cause events to be introduced in one of two ways:
- (1) TEC initiated events will be radioed to the umpire concerned, e.g., "initiate event 2-9"; 9th event inserted by the TEC S-2. The umpire will then fill out an Event Report in duplicate and provide one copy of the completed form to the unit affected. The action taken by the unit will be filled out on the umpire's copy of the form and retained by the umpire.
 - (2) Umpire initiated events will be listed by event number and the BLT umpire notified of the inserted event. All events require that an Event Report be filled out in duplicate. See Appendix 1 to this Annex for Format.
- d. Umpire Reporting. Reporting by umpires will be very critical to the successful play of the problem. As such, it is necessary that every umpire element in the chain of command provide information both up and down. Communication, reporting format and time frequency will be in accordance with Annex H (Communications-Electronics) and Annex O (Reports).
- (1) Battle Damage Assessments. Umpires will be guided by Appendix 2 to this Annex in making the Battle Damage Assessment against (LF) units as a result of Aggressor action.
 - (2) Tactical Movements. Movement that will significantly influence the play of the problem must be brought to the attention of TEC Headquarters. Movements may include, but are not limited to, helicopter lifts, motor marches and reinforcements of units BLT and lower.

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BY COMMAND OF COLONEL YEO



KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

APPENDIXES:

- 1 - Events Report Form
- 2 - Umpire Guide

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON -73)

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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO, San Francisco 96602
 141700I March 1973


Appendix 1 (Events Report Form) to Annex D (Umpire Control) to Exercise Control
 Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. To be completed and submitted to TEC Headquarters by each Controller/Umpire who inserts an event or observes reaction to a scenario event.
2. Fill out in duplicate. Deliver original to participating unit and retain the duplicate for inclusion in the Post Exercise Report. (Turned in to TEC).

A. Event Number: _____ B. Unit: _____
 C. Unit Location: _____ D. Date/Time Inserted: _____
 E. Date/Time Occured: _____ F. Event Message: _____
 G. Additional information requested: _____
 H. Action taken by unit: _____
 I. Exercise objective (s): 1. _____ 2. _____
 3. _____ 4. _____ 5. _____
 J. TEC Evaluation. Degree of accomplishment of the training objective (s):
 Complete _____ Partial _____ Not Accomplished _____
 K. Comments:
 Controller/Umpire making insertion _____

BY COMMAND OF COLONEL YEO

KIM PYO JOON
 Lieutenant Colonel, ROK Marine Corps
 Exercise Director


 L. E. JOHNSON
 Major, U. S. Marine Corps
 Exercise Director

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO, San Francisco 96602
141700I March 1973

Appendix 2 (Umpire Guide) to Annex D (Umpire Control) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON - 73)

1. GENERAL. Umpires will be guided in the performance of their duties as provided for by this Appendix.
2. DUTIES OF UMPIRES
 - a. To create the atmosphere of a battlefield by depicting tactical and logistical situations and events including civilian activities in the area.
 - b. To determine and announce the results of contacts after considering relative effective fire power, troop disposition, logistical support and terrain conditions.
 - c. Assist commanders in complying with safety regulations and the reporting of violations to the TEC Headquarters.
 - d. Assess personnel casualties and damage to material.
 - e. Supervise the tagging of constructive and simulated casualties and damaged, destroyed and captured equipment.
 - f. Immediately notify Control Headquarters in the event a tactical or logistical situation threatens to get out of control.
 - g. Report plans and dispositions of the unit to the next higher umpire.
 - h. Direct and supervise activities of subordinate umpires.
 - i. Avoid injury to personnel by preventing physical contact between troops of opposing forces.
 - j. Help prevent actual damage to material.
 - k. Instruct personnel of units to which assigned in the umpire methods of control as required.
 - l. Avoid disclosing the Exercise Control SCENARIO and Aggressor Plans to the Landing Force.

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- m. Resolve disputes which cannot be arbitrated by subordinate umpires. If necessary recommend to TEC Headquarters that a non-tactical period be declared to settle such differences. Non-tactical periods will be kept to an absolute minimum and used only when all other means have been exhausted.
- n. Attend all briefings by the unit staff and subordinate commanders of the unit to which assigned.
- o. Introduce events which will assist the Landing Force in accomplishing the assigned training objectives.
- p. Draw items of equipment (flags, tags, etc.) for the umpire teams.
- q. Be prepared to submit a written report upon conclusion of the exercise.

3. COMPANY UMPIRING

- a. Keep abreast of the company situation, the opposing aggressor situation and future plans of the Company. Keep the BLT umpire up to date on changes in position and movements of the umpired unit.
- b. Introduce events to the Landing Force Units to assist it in accomplishing its training objectives.
- c. Control the advance of the company by the use of flag signals and the introduction of situations via scenario events.
- d. Evaluate the relative combat power of the opposing units when the company is involved in an individual engagement to determine the outcome of the engagement. Due consideration will be given to the terrain, relative strength and fire power, preparation for the engagement, element of surprise, reinforcing capability and logistical requirements.
- e. Ensure that constructive obstacles are breached only within a realistic time frame.
- f. Assess appropriate personnel and equipment casualties for each engagement.
- g. Assist senior echelon umpires in introducing and reporting of administrative, logistical and intelligence, as well as tactical matters.
- h. In the event a company commander disregards umpire instructions or control measures the umpire will refer the matter to the BLT umpire for decision. Only in an emergency will an umpire declare a non-tactical period unless so directed by the TEC Headquarters.

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4. AGGRESSOR UMPIRING

- a. Aggressor units will have a working knowledge of the Landing Force Plans through the medium of the Exercise Control Scenario.
- b. The Commanding Officer of the Aggressor Unit will maintain communications with the TEC Headquarters.
- c. The Commanding Officer of the Aggressor Unit will keep TEC Headquarters informed of the current Aggressor tactical situation.

5. SUPPORTING ARMS UMPIRING

- a. TEC Headquarters will continuously analyze the implementation of fire support coordination principles and the tactical employment of artillery, naval gunfire and close air support in order to determine the effectiveness of supporting arms missions and to assess realistic damage assessments to supporting arms targets as appropriate.
- b. Fire Power Factors. Damage assessments will be assigned for preparatory and defensive supporting arms missions employed by an engaged Landing Force or Aggressor Unit. Such fire power factors are obtained by using Table #2, Page D-2-A-2.
- c. Damage Assessment. Damage assessments will be assessed for supporting arms missions employed on targets of opportunity, both point and area targets, engaged by the Landing Force. Assessments will be passed to the unit umpire by radio; the umpire will apprise the unit concerned.
- d. See Appendix 4 (FSC Method of Control) to Annex C (Concept of Control).

6. AIR UMPIRING. Control of both Landing Force and Aggressor Air (Observation) will come under the over all supervision of the TEC Headquarters.

- a. Landing Force Air. As requests for both air strikes and helicopter support are generated at the BLT, the BLT umpire will pass the information to TEC Headquarters. The format for this information will be contained in either a special or opportunity event within the scenario by event number. If TACC/DASC honors the request the TEC Headquarters will so inform the BLT umpire and provide BDA to be given to the Landing Force Unit.
- b. Aggressor Air (Observation Only). Introduction of Aggressor Air (Observation Only) will be by the TEC Headquarters. When this occurs the TEC will inform the BLT umpire by event number from the scenario. Reaction of the Landing Force will determine further action to be taken.

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- c. Air Observation. Request for Air Observation will be handled in the same way as an air strike. However TEC will inform the ELT umpire of aggressor activities that could have been observed, who in turn will inform the unit using the services of the AO.

d. See Annex G (Air).

7. ADMINISTRATIVE/LOGISTICS UMPIRING

a. General

- (1) Administrative/Logistical events will be introduced by the scenario using special, opportunity or routine events.
 - (a) Special events will be found in the TEC Control Scenario and will be introduced and monitored as directed therein.
 - (b) Opportunity and routine events will be introduced by umpires as the tactical situation dictates. Damage/casualty assessment will be made in accordance with instructions contained in (Damage Assessment Procedures), Page D-2-5.

b. Personnel Umpire

- (1) This umpiring will include, but not be limited to the following: Maintenance of personnel strength, personnel replacements, prisoner of war processing, graves registration, morale and postal services and personnel procedures.
 - (a) Umpires will designate casualties as events require and record reactions of the unit on the Events Report Sheet.
 - (b) All simulated casualties will be evacuated through the normal evacuation chain to the ELT replacement pool for ultimate return to their parent unit. Unit's will request routine replacements from simulated casualties. ACTUAL casualties will be reported by message or fastest available means of communications; such message to be "ACTUAL".
 - (c) Actors or refugees who become casualties will be treated and evacuated in accordance with Landing Force instructions. On release by Landing Force these actors and/or refugees will be sent to TEC Headquarters for debriefing.
- (2) See Annex I (Personnel).

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c. Logistics Umpiring

- (1) For detailed instructions on damage assessment see Damage Assessment Procedures, Page D-2-5.
- (2) Damage will be assessed by umpires to all types of equipment, i.e., by affixing a tag to the steering wheel of a vehicle. All items placed out of action will so remain until the proper action has been taken to repair or replace it. The proper action required is that which would be actually required for that type of casualty. The proper replacement part, tool and/or mechanic must be physically present before an equipment casualty is returned to its unit.
- (3) Supplies expended, both actual and constructive must be closely monitored in order to realistically test the logistical support agencies. Records of supply levels will be radioed to TEC Headquarters using the logistic SITREP. See Annex O (Reports).
- (4) See Annex J (Logistics).

8. DAMAGE ASSESSMENT AND COMBAT POWER EVALUATION PROCEDURES

- a. General. Damage assessment is designed to provide realism to the exercise and to aid in the training of unit staffs. A number of different procedures in assessing damage will be described in more detail in succeeding paragraphs. All umpires and unit commanders must have a thorough knowledge of these procedures to realize maximum training benefits from the exercise.
- b. Combat Power Evaluation. Combat Power Evaluation is employed by those umpires working with Landing Force units who are in contact with aggressor units, real or constructive. The results of each engagement are decided on the basis of relative combat power and tactical effectiveness of opposing units, as described in paragraph 9 of this Appendix. The unit umpire will determine the combat power of opposing units. The total fire power capabilities of opposing units are analyzed to include:
 - (1) Size of opposing infantry units.
 - (2) Total fire power of supporting arms, including air.
 - (3) The tactical effectiveness of opposing units, i.e., scheme of maneuver or strength of defensive positions.
- c. Supporting Arms Fire Power Factor. Umpires will use the procedures outlined in paragraph 9 of this Appendix to obtain a realistic supporting arms fire power factor.

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- d. Supporting Arms Damage Assessment. TEC Headquarters will realistically assess damage for Landing Force supporting arms missions in accordance with paragraph 12 of this Appendix.
- e. Air Damage Assessment. Assessments will be made against both Landing Force and Aggressor personnel, equipment and supplies. Damage assessment will also be made to the aircraft employed by either side as a result of ground fire and intercept. The details of air damage assessment are further discussed in paragraph 13 of this Appendix.

9. INSTRUCTIONS FOR INFANTRY COMBAT POWER EVALUATION AND CASUALTY DAMAGE ASSESSMENT

- a. General. The relative combat power of two opposing ground forces in close contact will serve as the basis for determining the outcome of the engagement. Casualty and damage assessment will be made in conjunction with the evaluation of combat power, and serves to inform unit commanders of losses theoretically resulting from the engagement.
- b. Combat Power
 - (1) The TOTAL FIRE POWER (TFP) of a unit is the sum of the various FIRE POWER FACTORS of organic and supporting weapons which are utilized.
 - (a) A FIRE POWER FACTOR is the numerical figure assigned to a unit or individual weapon to express the relative effectiveness of the volume of fire it is capable of delivering.
 - (2) The TACTICAL EFFECTIVENESS (TE) is a numerical multiplication factor based upon the unit's utilization of terrain and tactics.
 - (3) COMBAT POWER FORMULA: $\text{Combat Power} = \text{TFP} \times \text{TE} (X)$.
- c. Example of Combat Power Evaluation
 - (1) Table 1, page D-2-A-1 (Relative Combat Power Evaluation) contains a sample form for computing the relative combat power from platoon to HLT sized units.
 - (2) In this case, a Landing Force Company with a section of medium tanks attached is attacking a position held by an Aggressor Platoon with one medium tank attached. The umpire would use the following steps to determine the combat power of the company and the opposing Aggressor unit.

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- (a) From Table 2, Page D-2-A-2 (Fire Power Factors) determine the fire power factor for an infantry company and enter it opposite unit fire power factor (160).
- (b) List the Section of Tanks after attachments and add their combined fire power factors (70).
- (c) The umpire, referring to Table 2 and 4, Pages D-2-A-2 and A-3 determines the fire power factors for employed supporting arms.

2 105 Howitzer Platoons (160)

3 Aircraft with 500 #GP (2ea) (120)

3 Aircraft with NAPALM (2ea) (60)

TOTAL (340)

- (d) The unit umpire determines the tactical effectiveness figure in the evaluation form and adds the fire power factors for a total fire power of 570.
- (e) The umpire determines the tactical effectiveness factors for both the Aggressor and Landing Force units engaged. In case of disagreement, or communication failure, the umpire's decision will be final. In this example a Landing Force company sets up a base of fire and maneuvers one platoon to the flank of the Aggressor position. A tactical effectiveness factor of 2 is selected from Table 5, Page D-2-A-3 (Tactical Effectiveness Factors). The umpire using this factor converts the total fire power of 570 into a combat power of 1140.
- (f) The supporting arms in support of the Aggressor are two 160mm Mortar Platoons (150). See Table 2 (Fire Power Guide).

The umpire determines that the Aggressor has the following fire power:

1 Platoon (40)

1 Medium Tank (35)

Supporting Arms (150)

Total Fire Power (225)

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He then converts the total fire power of 225 into a combat power of 675 by using a tactical effectiveness multiplication factor of 3. (See Table 5, Page D-2-A-3).

- (g) When the computation is complete, the Landing Force Company has a relative combat power of 1140 as compared to 675 for the Aggressor. The Landing Force Company is permitted to take the position.

10. CASUALTY AND DAMAGE ASSESSMENT

- a. CONCEPT. The Damage Assessment resulting from an engagement is determined by assessing damage to a percentage of the personnel and equipment/supplies of the participating units. This percentage is determined by comparing the combat power of the combatants and considering the volume and duration of fires during the engagement.
- b. EXAMPLE OF CASUALTY ASSESSMENT
- (1) Tables 6 and 7, Page D-2-A-4 of this Appendix (Casualty and Damage Assessment) contain a sample for computing personnel and equipment/supplies damage for either a BLT or company.
 - (2) In this case the infantry unit umpire has computed the relative combat power of two opposing forces in order to determine the outcome of an engagement. The umpire should then use the following steps to assess the casualties and damage suffered by the units engaged:
 - (a) Enter the name of the victor and loser (Landing Force-Aggressor) in the heading of each column.
 - (b) Under the loser column enter the combat power of the victor and the combat power of the loser on the form as a ratio 1140 by 675.
 - (c) Reduce the combat power figures and express them as a ratio of 1140 by 675 which is reduced to 1.7 to 1.0 by dividing 1140 by 675.

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- (d) The infantry unit umpire then estimates the volume of fire and duration of fire during the engagement. In the example the umpire estimates a medium volume of fire delivered over a period of 15 minutes. From Table 6 (Casualty and Damage Assessment) he observes that this combination will result in an 8% casualty assessment to the victor. The infantry unit umpire then enters the victor's casualty percentage on the form (8%) under both columns.
- (e) Under the loser column, the infantry unit umpire then multiplies the victor's casualty percentage (8%) by the combat power ratio 1.7. The result is the percentage (14%) assessed the loser.
- (f) The infantry unit umpire then enters the number of personnel on each side and multiplies these numbers time the respective percentages. In this case 160 and 40 were used for simplicity (If the number of personnel are impossible or difficult to determine use fire power figures).
- (g) The resulting figures are the number of personnel casualties suffered by each side in the engagement. In this example the loser (Aggressor) suffered 6 casualties and the victor (LF) 13 casualties. The allocation of KIA and WIA among these casualties is made on an approximate 4 (WIA) to 1 (KIA) ratio.
- (h) The computation of personnel casualties made at this point is the maximum that will be tagged for treatment and/or evacuation. The umpire will at his discretion determine the number of personnel to be tagged for handling in accordance with paragraph 14 to follow. Regardless of the number tagged for evacuation the number arrived at as a result of the above computation will be considered as constructive casualties and will become cumulative for future determination of relative combat power.

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- c. Example of Equipment and Supply Damage Assessment.
Based upon the final computation of total combat power, the umpire will assess damage to equipment and the class of supplies as appropriate using the damage criteria provided in Table 7 (Casualty and Damage Assessment) and paragraph 15, 16, and 17 of this section as a guide.
- (1) EXAMPLE: The umpire enters the total combat power to the loser 675 in the victors column as illustrated on Table 7 (Casualty and Damage Assessment). He then enters the assessment table, Table 8, and notes that a total combat power of 675 indicates light action with damage to equipment requiring 1st and 2nd echelon maintenance and a loss of 5% of supplies. A reasonable assessment is then made on weapons, equipment and supplies organic to the unit requiring repair and/or replacement as indicated.
 - (2) The total combat power of victor 1140 is entered in loser column of the form and the same procedure is followed in assessment of damage to the loser.
 - (3) In computing ammunition expenditures the total combat power of the Landing Force unit will be used to determine the Landing Force Unit's expenditures. The ammunition expenditures for Aggressor units may be omitted.
 - (4) In assessing damage to rear area units the total fire power may or may not be used. The final decision by the umpire will be based on the type of action involved. The criteria established in paragraph 15, 16 and 17 will be used as a guide.

11. SUPPORTING ARMS FIRE POWER FACTOR

- a. Infantry umpires of Landing Force and Aggressor units engaged will make combat power evaluations in accordance with guide lines provided in this Appendix.
- b. The supporting arms fire power factor will be the sum of the fire power factors of the supporting arms employed by a Landing Force or Aggressor unit during an engagement. See Table 2 (Fire Power Factors) of this Appendix for fire power factors.
- c. LANDING FORCE UNOBSERVED MISSIONS

- (1) Supporting arms fire power and damage assessment for unobserved missions employed by engaged Landing Force units will be determined by the TEC Headquarters.

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- (2) Information concerning these missions will be sent to TEC Headquarters by unit umpires of the unit supported.

12. SUPPORTING ARMS DAMAGE ASSESSMENT

- a. Supporting arms damage assessment will be in accordance with the following:
 - (1) Umpires will assess damage through utilization of the predetermined figures and percentage charts shown in (Supporting Arms Damage Assessment Tables) of this Appendix. Umpires will be guided by these statistics in their computation of damage levels. However, umpires may make individual interpretation as the situation dictates.
 - (2) Exact locations of employed supporting arms and their targets must be precisely considered. No damage assessment will be made for supporting arms missions unless targets attacked are within the effective range of the supporting arms utilized. Supporting arms fire delivered in attack of unoccupied positions, no matter how significant in volume, will be assessed as ineffective.
 - (3) Landing Force units will be advised of damage assessed to Aggressor units and equipment, also that Aggressor units have replacement capability after each engagement. Upon delivery of sufficient Landing Force fire power on an Aggressor position, umpires will declare the Aggressor position neutralized or captured. TEC Headquarters will then order the concerned aggressor unit to abandon the position.
- b. Damage Assessed for Landing Force Supporting Arms Missions
 - (1) OBSERVED MISSIONS
 - (a) TEC Headquarters will assess realistic damage assessment upon targets of opportunity engaged by (LF) supporting arms.
 - (b) Supporting arms missions that are assessed damage will be reported by TEC Headquarters to the unit umpire concerned.

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(2) UNOBSERVED MISSIONS

- (a) Damage assessment for all unobserved Landing Force supporting arms missions will be made by TEC Headquarters.
- (b) Umpires will report all unobserved supporting arms missions to TEC Headquarters. These reports will be made as soon as possible and in advance when practical, using the Fire Report Form. The TEC Headquarters will make a damage assessment for these missions and will report the damage assessed to the appropriate umpire.
- (c) H&I supporting arms missions will be reported by the unit umpire to TEC Headquarters using the Fire Report Form, lines A, C, and E. See Page D-2-A-14 (Fire Report Form).

c. DAMAGE ASSESSED FOR AGGRESSOR SUPPORTING ARMS MISSIONS

- (1) Aggressor supporting arms missions will be initiated by TEC Headquarters via a scenario event.
- (2) Shell Reports, for such missions, will be made utilizing the report form, Page D-2-A-14 (Shell Reports) of this section and will be forwarded to the umpire in the area receiving the fire.
- (3) Umpires will inform troop commander of incoming fire and the assessment of damage. This will be done via the scenario events.

13. DAMAGE ASSESSMENT FOR AIRa. AIR DEFENSE

- (1) The air umpire in TACC/DASC will assess damage to both Landing Force and Aggressor aircraft by ascertaining the effectiveness of air-to-air intercepts.
- (2) The damage will be predicted upon kill probability tables, Table 18 (Kill Probability Table (Air-to-Air)).
- (3) TEC Headquarters will be notified immediately of assessed damages by the TACC/DASC umpire.

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b. HELICOPTER DAMAGE ASSESSMENT

- (1) All phases of helicopter operations will be monitored and reported to TEC Headquarters by the umpires at BLT and HDC. Damage to helicopters will be determined by TEC Headquarters based on the following factors:
 - (a) Adequacy of planning phase.
 - (b) Effectiveness of tactics.
 - (c) Use of on call or planned NGF and/or artillery.
 - (d) Aggressor tactics and fire power brought to bear on helicopters.
- (2) Reports of damage assessment will be promptly forwarded by TEC Headquarters to umpires concerned, who will keep the commanders informed.

c. MATERIAL/EQUIPMENT DAMAGE ASSESSMENT TO AIRCRAFT

- (1) Squadrons will suffer constructive damage to aircraft and support equipment. Damage will be limited to 1st (squadron) and 2nd echelon maintenance (Intermediate Maintenance Activity).
- (2) No damage will be inflicted when a unit's aircraft availability falls to 60% or below.
- (3) When constructive damage necessitates that an aircraft part be replaced, replacement requisitions will be constructive and the aircraft will be grounded for two hours.
- (4) Cannibalizing for spare parts will be governed by existing regulations.
- (5) The following is a guide for umpire use in assessing damage:
 - (a) Running light out (replace lights).
 - (b) TACAN out (replace)
 - (c) UHF radio out (replace).
 - (d) Rotor damage (requires replacement)

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- (e) Blown tires (replace)
- (f) Replace wheel brakes.
- (g) Hydraulic pump out (replace).
- (h) Oil pressure failure (instrument).
- (i) Damaged Windscreen (replace).
- (j) Oxygen regulator out (replace).
- (k) Gyro horizon out (replace).
- (l) Generator out (replace).
- (m) Cockpit lights out (replace).
- (n) Air speed indicator (replace).
- (o) Battery out (replace).
- (p) Trim motor out (replace).

14. PERSONNEL CASUALTIES

- a. In order to ensure realism in problem play, all personnel casualties assessed will be handled as though they were actual. However, to prevent an unnecessarily large loss to individual training, only selected casualties will be processed through the evacuation chain. For this reason "simulated" and "constructive" casualties will be assessed.
- b. "Simulated" casualties are those casualties which will be considered as losses to the unit concerned for administrative matters and reports and units must request replacements for these casualties (by rank and MOS). "Simulated" casualties are assessed to exercise the medical evacuation and personnel handling procedures, and will be declared injured or killed by means of a tag indicating the nature of the wound or injury. All "Simulated" casualties will be considered as actual casualties in all respects. After being processed through the medical and evacuation chain, all casualties not already returned to duty by medical personnel will report as stragglers to the BLT S-1. They will be returned to their parent unit as replacements no later than 1700 each day.

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- c. "Constructive" casualties are those casualties assessed due to combat action. They will affect the combat power of the unit so assessed and will be reported as losses. They will however, be a "Constructive" casualty and not evacuated from their parent unit. They will be placed out of action for one hour and then returned to duty.
- d. Umpires will report all casualties assessed against the unit to which the umpires are assigned, by the event report and inform TEC Headquarters of accumulated losses via the Situation Report, (See Annex O (Reports)).
 - (1) Umpires will direct medical personnel to indicate on the medical tag the type wound and the degree of incapacity.
- e. Prisoners of war, graves registration, morale and postal service reporting requirements by umpires are contained in Annex I (Personnel).

15. EQUIPMENT/MATERIAL DAMAGE

a. General

- (1) All types of equipment (ordnance, communication, engineer and motor vehicles) will be subject to damage assessment.
- (2) Equipment casualties will result from Aggressor actions or failure of units to adhere to basic principles of equipment operation and maintenance, e.g., overloading of vehicles, supporting arms barrages, etc.
- (3) Unit commanders will be informed by the umpires of the nature of the damage and will be required to take appropriate action to repair or replace the item. Each damaged item will have a tag affixed to it noting the nature of the damage.
- (4) Damaged equipment will be:
 - (a) Repaired by constructive/replacement of spare parts by personnel having the capability to perform that echelon of maintenance.

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- (b) Evacuated and/or replaced depending on echelon of maintenance required or availability of spare parts and equipment.
- (5) In any case, damaged equipment will remain out of action until the appropriate maintenance has been accomplished by personnel that have the capability to perform the proper echelon maintenance and a specific (actual) time period has elapsed. For Example:
 - (a) Damaged vehicles requiring 1st and 2nd echelon maintenance will be repaired on the scene, i.e., spare parts must physically be present at the site of the vehicle before it is declared in commission, although actual repair may be constructive. If a contact team is dispatched to repair the vehicle where it was damaged, the mechanic must actually have the proper tools, repair parts and remain in the area the required time before constructive repairs can be made.
 - (b) Normally, a damaged vehicle requiring 3d echelon maintenance will not be driven under its own power but must be towed to appropriate repair agency or repaired by the appropriate agency on the scene.
 - (c) Under no circumstances will simulated equipment damage assessment be effected which would endanger the safety of personnel or would involve actual damage to or loss of vehicles, equipment or material.
 - (d) Cargo in vehicles ruled out of action may be transferred to other vehicles, if available, provided it was not also assessed as damaged by the umpire.
 - (e) Equipment captured and/or destroyed will be returned to the LSA for eventual use as a replacement item.

b. DAMAGE CRITERIA GUIDE

(1) CRITERIA

- (a) LIGHT DAMAGE. That which may be repaired on the spot by 2nd echelon maintenance personnel (organic repairmen or service unit contact teams) for repair. Estimated time out of problem, 15 minutes to two hours.

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- (b) HEAVY/TOTAL DAMAGE. Requiring evacuation for repairs beyond the capabilities of available supporting units. These vehicles will be returned to the Service Unit and returned to action upon receipt of request for additional vehicles from the using units.

- (2) The following is guide for umpires for use in assessing equipment damage:

WEAPONS

	<u>Medium (3rd Ech)</u>	<u>Light (2d Ech)</u>
Infantry	Any assembly or subassembly failure; excessive forward recoil; binding elevation and traversing mechanism.	Broken firing pin; burned out machine gun barrel; broken stock; missing front sight; rear sight, etc.
Artillery (Towed)	Inoperative recoil mechanism; unserviceable tube; broken level vial on sight; frozen shock absorbers; cracked tube; broken elevating/traversing wheel; broken firing pin.	Backlash in elevator/traverse mechanism; jerky recoil movement; over/under recoil; broken firing pin; broken extractor; batteries and lamps blown out.
Artillery (SP)	All above plus thrown track; broken track links; minor engine failure.	All above plus broken final drive; inoperative engine.

MOTOR VEHICLES

1/4 Ton	Engine block cracked; bad clutch; generator; damaged transfer case; transmission; differential, etc.	Brakes do not hold; broken fan belt; broken radiator; carburetor adjustment; distributor; front axle, etc.
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3/4 Ton Cargo (PC)	Cracked engine block; damaged transfer case; damaged differential; transmission; clutch assembly.	Replace fan belt; fuel pump; carburetor; distributor; repair leaking radiator; replace spark plugs; points; condenser.
2 1/2 Ton truck Cargo	Cracked engine block; damaged transfer case; damaged differential; transmission; clutch assembly.	Replace fan belt; fuel pump; carburetor; distributor; spark plugs; points; condenser; spring; repair leak in radiator; air hydraulic cylinder; cylinder head gaskets; oil pan gasket.
5 Ton Truck Cargo	All above plus damaged power steering assemble.	Replace front spring; wheel cylinders; broken lines; damaged generator; starter fuel pump; blown cylinder head gaskets; repair radiator.

ENGINEER EQUIPMENT

Tractor	Hot in Radiator; damaged generator; starter; voltage regulator; blown head gasket; track rollers damaged.	Damaged cable reel; air in fuel line; dirty fuel filter; dead battery; dirt in breathers; loose clutch and brakes.
Crane Crawler	Damaged generator; voltage regulator; damaged roller; sticky valves.	Damaged boom hoist cable; boom cable; dead battery; loose clutch; brakes.
Generator	Replace engine; generator brushes; charger damaged; hitch damaged.	Flat tire; flood light bulbs burned out; extension cords cut; oil and fuel filters contain water.

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COMMUNICATIONSMan Pack and
Vehicular Radios.

Burned out transformer or coil; open transformer or coil; leaky capacitor; faulty resistor. Equipment must be serviced by 3d Echelon repair facilities where defective part will be replaced.

Faulty tube; handset; antenna, etc. Replace faulty item, if available. If not, obtain replacement from 3d Echelon repair source.

MAINTENANCE TIME GUIDE

The following list is a guide for umpires to establish time required to effect repairs of vehicles and equipment:

<u>Vehicles</u>	<u>HOURS OUT OF ACTION</u>	
	<u>Medium (3d)</u>	<u>Light (2d)</u>
Axle damage	3	2
Battery Dead	1/2	1/2
Brake cylinder failure	1	1
Carburetor Failure	1	1
Distributor failure	1	1
Fan Belt broken	1/4	1/4
Fuel line broken	1/2	1/2
Fuel pump failure	1	1
Radiator damage	2	2
Steering system damage	2	2
Track broken	4	4
Track thrown	1	1
Transfer unit damage	3	3
Transmission damage	3	3
Wheel blown off	6	6

All types of equipment "Constructive" Destroyed 8 hours.

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Communications Equipment

Antenna down	1/4	1/12
Radio set damage	1	1/4
Switchboard damage	1	1/2

Engineer Equipment

Cable failure	3	1
Hydraulic system failure	4	1/4
Power failure	1 1/2	1/4
Pressure tank punctured	1 1/2	1/2
Pump damaged	1	1/4
Water tank punctured	2	1/2

Ordnance Equipment

Recoil system damage	6	2
Sight system damage	3	1
Traversing system damage	6	-
Turret failure	6	1/2

PROCEDURES AND RESPONSIBILITY

Umpires will assess damage to equipment using the above guide and attach a damage tag to a prominent place indicating the amount of damage.

16. SUPPLY DAMAGEa. General

- (1) It is assumed that all units will carry a "prescribed load" of class I, III and V ashore and when general unloading commences, supplies will be unloaded uniformly over each designated beach.
- (2) Constructive loss or damage to supplies and equipment within ships or landing craft during the ship to shore phase will not be umpired by TEC Headquarters umpires.

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- (3) After the supplies reach the beach or landing zone, damage to supplies will be assessed by umpires during all phases of the problem and at all echelons to exercise the supply system.
 - (4) Supplies will be returned to use after proper action has been taken by the Landing Force units concerned. This includes requisition and delivery of supplies. (Logistical Factors), Page D-2-A-13 will be used as a guide for the movement of supplies and equipment by motor vehicle.
- b. Damage Criteria. Damage as a result of Aggressor action will be assessed based on the following criteria:
- (1) LIGHT DAMAGE. 5% loss of all supplies in area hit by squad size action and/or artillery (1-30 rounds) and harassing mortar fires (1-100 rounds). 10% loss if not dispersed or revetted.
 - (2) MEDIUM DAMAGE. 15% loss of all supplies in storage area hit by small scale attack and/or light/medium artillery (30-50 rounds); mortar (100-200 rounds); or air strikes (1-2 planes). 25% loss if not dispersed or revetted.
 - (3) HEAVY DAMAGE. 30% loss of all supplies in storage area hit by company size attack; heavy artillery (30-50 rounds); or air strikes (4 Planes or more). 50% loss if not dispersed or revetted.
- c. Procedures and Responsibilities. Umpires will assess damage to supplies using the criteria established above, tag the supplies and notify the responsible officer or NCO of the damage assessed and note action taken.

17. AMMUNITION EXPENDITURES/LOSSES

- a. General. These instructions are provided as a guide to umpires in the assessment of ammunition expenditures in order that ammunition handling and resupply procedures may be observed and utilized by the unit concerned.
- b. Ammunition Expenditure Criteria for Weapons Organic to Infantry Units and Attached Armor. Action will be classified in three general categories; light, medium and heavy. These types of actions are defined as:

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- (1) LIGHT ACTION. When a unit encounters limited resistance and/or squad size counterattack with light scattered artillery fire; 15% reduction of the prescribed load will be assessed.
- (2) MEDIUM ACTION. When a unit runs into hasty defensive positions and stubborn resistance and/or well coordinated counterattacks of platoon size with concentrated mortar and artillery fire; 30% reduction of the prescribed load may be assessed.
- (3) HEAVY ACTION. When a unit runs into deliberate, well planned defensive positions utilizing defensive fire plans or mortar, artillery and air, or continues well planned counterattack of company size with coordinated artillery and air fire; 50% reduction of the prescribed load may be assessed.

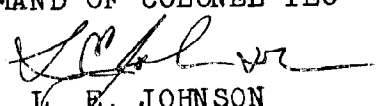
c. Ammunition Expenditure Criteria for Artillery and Heavy Mortar.

- (1) Ammunition expenditure for artillery and heavy mortars will be assessed based on the actual number of rounds expended on each mission fired.
- (2) Artillery and mortar ammunition expenditures must be monitored closely by all umpires in order to assure realism in the problem.

d. Procedure and Responsibility. Umpires will determine the type action encountered and inform the unit commander of percentage of prescribed load that is assessed. In the event resupply is required and is not effected, the umpire will note same in log SITREP. See table 10 (Basic Allowance Chart).

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

TAB:

A: Tables, Factors, and Forms

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON-73)

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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO San Francisco 96602
 141700I March 1973

Tab A (Tables, Factors, and Forms) to Appendix 2 (Umpire Guide) to Annex D (Umpire Control) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. PURPOSE. This Tab sets forth the tables, factors, and forms to be used by umpires in the performance of their duties.
2. COMBAT POWER AND DAMAGE ASSESSMENT. The following tables are to assist the umpire in determining combat power and related damage assessment. Damage Assessment for Supporting Arms will be further covered in paragraph 3 of this TAB.

TABLE 1

RELATIVE COMBAT POWER EVALUATION

	<u>Landing Force</u>	<u>Factor</u>	<u>Aggressor</u>	<u>Factor</u>
Unit Fire Power Factor:	<u>1 Company</u>	<u>160</u>	<u>1 Plt</u>	<u>40</u>
Attachments:	<u>2 Med TK</u>	<u>70</u>	<u>1 MedTK</u>	<u>35</u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Supporting Arms Fire Power Factors:		<u>340</u>		<u>150</u>
Total Fire Power:		<u>570</u>		<u>225</u>
Tactical Effectiveness Multiplication Factor:		<u>X2</u>		<u>X3</u>
Total Combat Power:		<u>1140</u>		<u>675</u>
Outcome:	<u>Landing Force Company took position</u>			
Unit:	<u>F-2-4</u>			
Administrative Time:	<u>NONE</u>			
DTG of Action:	<u>051600I</u>			

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TABLE 2

FIRE POWER FACTORS

Infantry Squad.....	10
Infantry Platoon.....	40
Infantry Company.....	160
Infantry Battalion.....	800
81mm Mortar (1 gun).....	10
106mm RR.....	10
4.2" Mortar Platoon (4 guns).....	60
105mm Howitzer Platoon.....	80
8" Naval Gun (1 gun).....	40
5" Naval Gun (1 gun).....	20
85mm Gun Platoon (3 guns).....	45
122mm Howitzer Platoon (3 guns).....	60
160mm Mortar Platoon (3 guns).....	75
140mm Rocket Launcher.....	20
Medium Tank.....	35
57mm AA Twin (SP) (1 gun).....	15

TABLE 3

FIRE POWER GUIDE FOR AGGRESSOR AIRCRAFT

<u>TYPE AIRCRAFT</u>	<u>LOAD CODE</u>	<u>LOAD</u>	<u>FIRE POWER FACTOR</u>
F-86 (Ground Attack)	(2) D-2	2-500 # GP	60
	(4) D-1	4-250 # GP	
	(2) D-8	2-Napalm	60
	(8) D-22	8-5" HVAR	
	(2) D-7	38-FFAR	75
	(8) D-1	8-250 # GP	
	(2) D-3	2-1000 # GP	170
	(2) D-8	2-Napalm	65
	(6) D-1	6-250 # GP	

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TABLE 4FIRE POWER GUIDE FOR LANDING FORCE AIRCRAFT

<u>CODE NAME</u>	<u>WEAPON</u>	<u>FIRE POWER FACTOR</u>
D-4	2000 # GP	60
D-3	1000 # GP	45
D-2	500 # GP	20
D-1	250 # GP	5
D-8	Napalm 500 # Fire Bomb	10
D-22	5" HVAR	5
D-22	ZUNI	5
D-6	2.75" FFAR (7 Shot Pod)	3.5
D-16	BULLPUP	2
D-19	FLARE	0
D-5	2.75" FFAR	0.5
D-21	20mm INTERNAL	1
D-20	MK4 GUN POD	3.5
D-14	SPARROW Air to Air Missile	60
D-15	SIDEWINDER Air to Air Missile	40
D-17	SHRIKE Air to Ground Missile	60

Aircraft Ordnance Fuzing is as follows:

V - VT (Proximity)
 W - 0.1 Second Delay
 X - 0.025 Second Delay
 Y - 0.05 Second Delay
 Z - Instantaneous

TABLE 5TACTICAL EFFECTIVENESS MULTIPLICATION FACTORS

<u>FACTOR</u>	<u>ATTACKER</u>	<u>FACTOR</u>	<u>DEFENDER</u>
1	Daylight frontal attack	0.5	Surprised and disorganized
2	Sets up base of fire and maneuvers so as to attack other than frontal with a subordinate unit.	1	Surprised but reacts rapidly
3	Coordinated daylight attack after maneuvering a portion of the force to attack on flank or rear.	2	Average position, but field of fire needed improving. Fair Cover for all troops and weapons.
4	Outstanding daylight attack Terrain, maneuver and supporting arms utilized in an outstanding manner.	3	Well organized position with excellent fields of fire. Good cover for troops and weapons.

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<u>FACTOR</u>	<u>ATTACKER</u>	<u>FACTOR</u>	<u>DEFENDER</u>
5	Well Planned and coordinated night attack.	4	Outstanding defense in which all approaches are covered and all support fully used. Overhead cover and excellent fields of fire.

TABLE 6

CASUALTY AND DAMAGE ASSESSMENT
(Used with Combat Power Evaluation)

<u>VOLUME OF FIRE</u>		<u>DURATION OF FIRE</u>	
<u>Light</u>	Sporadic small arms fire.	<u>Short</u>	5 min or less
<u>Medium</u>	Small arms plus supporting fires.	<u>Medium</u>	5-30 min
<u>Heavy</u>	Heavy small arms and heavy supporting fires.	<u>Long</u>	over 30 min

TABLE 7

CASUALTY PERCENTAGE

<u>DURATION OF FIRE</u>	<u>VOLUME OF FIRE</u>		
	<u>LIGHT</u>	<u>MEDIUM</u>	<u>HEAVY</u>
Short	2%	4%	6%
Medium	4%	8%	10%
Long	6%	10%	12%

VICTOR: Landing Force

LOSER: Aggressor

<u>8%</u>	Cas/Dmg VICTOR	Combat Power VICTOR $\frac{1140}{675} = 1.7$
		Combat Power LOSER $\frac{675}{1}$
<u>160</u>	No X 8% Cas-13 pers Cas. Pers.	8% Cas/Dmg X 1.7 C.P. = 14% Cas/Dmg
		VICTOR LOSER LOSER
<u>3</u>	KIA <u>10</u> WIA	$\frac{40}{2}$ No. X 14% = 6 Cas. Pers.
		<u>2</u> KIA <u>4</u> WIA

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TABLE 8EQUIPMENT AND SUPPLY DAMAGE ASSESSMENT

<u>TOTAL COMBAT POWER</u>	<u>ACTION</u>	<u>EQUIPMENT</u>	<u>SUPPLIES</u>	<u>AMMUNITION EXPENDITURE</u>
0-700	LIGHT	1st & 3rd echelon	5% loss or 10% not disp	15% prescribed load
701-1500	MEDIUM	1st, 2nd & 3rd echelon	15% loss or 25% not disp	35% prescribed load
1501-Above	HEAVY	1st, 2nd, 3rd & 4th echelon or DESTROYED	30% loss or 50% not disp	50% prescribed load

EQUIPMENT AND SUPPLY DAMAGE ASSESSMENT (EXAMPLE)(VICTOR)EQUIPMENT

<u>TotCombtpowr</u>	<u>Items</u>	<u>Damage</u>
<u>675</u>	<u>Jeep</u>	<u>1st Ech</u>
<u>675</u>	<u>M-16</u>	<u>1st Ech</u>
<u>675</u>	<u>2 M-60 MG</u>	<u>2nd Ech</u>

SUPPLIES

<u>675</u>	<u>Class III 5% loss</u>
------------	--------------------------

AMMUNITION

<u>1140</u>	<u>M-60 MG</u>	<u>35%</u>
<u>1140</u>	<u>M-16</u>	<u>35%</u>
<u> </u>	<u>Tanks</u>	<u>35%</u>

(LOSER)EQUIPMENT

<u>TotCombtpowr</u>	<u>Items</u>	<u>Damage</u>
<u>1140</u>	<u>Jeep</u>	<u>3rd Ech</u>
<u>1140</u>	<u>PRC-25</u>	<u>2nd Ech</u>
<u> </u>	<u> </u>	<u> </u>

SUPPLIES

<u>1140</u>	<u>Class III 15% loss</u>
-------------	---------------------------

AMMUNITION

<u>675</u>	<u>M-14/16</u>	<u>15% Prescribed load</u>
<u>675</u>	<u>106mm</u>	<u>15% Prescribed load</u>
<u> </u>	<u> </u>	<u> </u>

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3. SUPPORTING ARMS DAMAGE ASSESSMENT. The following tables are to assist the umpire in determining damage assessment. These tables are only a guide. It is expected that the umpires will be required, at times, to make individual interpretation to fit the situation.

a. ARTILLERY AND NAVAL GUNFIRE DAMAGE ASSESSMENT INSTRUCTIONS

- (1) Enter Damage Assessment Factor Table (Table 9) with the type weapon to determine the Damage Assessment Factor.
- (2) Enter the applicable Percentage Table (Table 10) with this factor. Extend the number of rounds fired line until it intersects the column of this factor, read the percentage of casualties or damage.
- (3) For every five casualties assess four WIA and one KIA.
- (4) For every ten armored or unarmored targets assessed or damaged, assess one destroyed.
- (5) For direct fire assessment.
- (6) **EXAMPLE:** Twenty-four rounds of 105mm Howitzer are fired at one hundred troops in the open. The mission is observed and adjusted. The umpire will assess damage as shown below:
 - (a) Enter the Damage Assessment Factor (Table 9) under 105mm Howitzer and determine the factor. (Factor is .07).
 - (b) Enter the Percentage Table (Table 10) under Troops in Open. On the number of rounds fired line it is necessary to interpolate between 20 and 30 rounds.
 - (c) 20 rounds is 5%; 30 rounds is 7%; therefore, 24 rounds is 6%.
 - (d) The proper assessment would be 6 casualties (6% of 100 troops equals 6). This would be broken down to 1 KIA and 5 WIA.

TABLE 9

DAMAGE ASSESSMENT FACTOR

WEAPON

81mm Mortar
85mm Gun
4.2" Mortar
105mm Howitzer

FACTOR

.05
.05
.06
.07

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WEAPON

FACTOR

5" Naval Gun
122mm Howitzer
140mm Rocket Launcher
160mm Mortar
8" Naval Gun

.07
.08
.07
.08
.10

TABLE 10

PERCENTAGE TABLES-CASUALTY/DAMAGE

TROOPS DUG IN

TROOPS IN OPEN

	<u>FACTOR</u>				
	.05	.06	.07	.08	.10
R 1					
O 2					
U 3					
N 4					
D 5					
S 6					
7					
F 8					1
I 9			1	1	2
R 10	1	1	1	2	3
E 20	1	1	2	3	5
D 30	1	2	3	4	6
40	2	3	4	5	7
50	3	3	4	5	7

	<u>FACTOR</u>				
	.05	.06	.07	.08	.10
R 1					2
O 2				1	2
U 3		1	2	2	3
N 4	1	1	2	2	3
D 5	1	2	2	3	4
S 6	2	2	2	3	5
7	2	2	3	3	5
F 8	2	3	3	4	6
I 9	3	3	4	5	6
R 10	3	3	4	5	7
E 20	3	4	5	6	8
D 30	4	6	7	8	10
40	4	7	8	9	11
50	5	8	9	10	12

TABLE 11

AREA ARMOR TARGET

Double Assessment for unarmored targets.

PERSONNEL WITH VEHICLES FACTOR

VEHICLES FACTOR

	.05	.06	.07	.08	.10
R 5					5
O 6					6
U 7					7
N 8				5	8
D 9			5	6	8
S 10		5	6	7	9
20	5	6	7	8	10
F 30	6	7	8	9	10
I 40	7	8	9	10	20
R 50	8	9	10	10	20
E 60	9	10	10	20	40
D					

	.05	.06	.07	.08	.10
R 5					
O 6					
U 7					DA
N 8					DA
D 9				DA	DA
S 10			DA	DA	DA
20		DA	DA	D	D
F 30	DA	DA	D	D	D
I 40	DA	DA	D	D	D
R 50	DA	DA	D	D	D
E 60	DA	D	D	D	D
D					

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LEGEND: DA = Damaged
D = Destroyed

PERCENTAGE HITS WITH DIRECT FIRE

5" Naval Gun 30%
8" Naval Gun 50%
106mm RR 50%

TABLE 12

"EFFECTIVENESS OF FIRE"

	Light construction (tents, etc.)	Field Fortifications	Vehicles	Armored Vehicles/Tanks	Personnel in Open	Personnel Dug in
EXCELLENT	4D/1DA	2D/1DA	2D/1DA	4DA/1N	1/2	1/4
GOOD	2D/1DA	1D/4DA	1D/3DA	1DA/4N		
NO EFFECT	0	0	0	0	0	0

- Enter table 12 with the "Effectiveness of Fire".
- For point targets use the destroyed/damage level listed.
- For area target use the fraction listed under the correct personnel status. Multiply the fraction by the percentage in the "Effectiveness of Fire" table (Table 12). This is the percentage of personnel casualties.
- Individual interpretation is expected.

LEGEND: O = NO DAMAGE DA = DAMAGED
N = NEUTRALIZED D = DESTROYED

- Personnel Casualties Killed/Wounded; is 1-to-4.

EXAMPLE:

(1) Target: 3 Jeeps

Effectiveness: Excellent

Damage Assessment: 2D/1DA; 2 Jeeps destroyed, 1 Jeep damaged

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- (2) Target: 1 LVT
 Effectiveness: Good
 Damage Assessment:
 (Nearest assessment possible) 1DA/4N-1 LVT Neutralized
- (3) Target: 100 Personnel in open
 Effectiveness: Good, 50% Effective
 Damage assessment: 1/2 X 50% = 25% Casualties
 = 5 KIA, 20 WIA

b. DAMAGE ASSESSMENT FOR LANDING FORCE MISSIONS: Enter the Damage Assessment Table, (Table 14) with the type of target and the number of aircraft.

- (1) DAMAGE ASSESSMENT FOR AGGRESSOR MISSIONS: Follow the same procedure as outlined above and then apply the "Effectiveness Factor" listed in Table 13 to obtain the damage assessment.

TABLE 13AGGRESSOR AIRCRAFT EFFECTIVENESS FACTOR TABLE

<u>DATE</u>	<u>PERCENTAGE OF DAMAGE ASSESSMENT</u>
D-2	100%
D-1	95%
D-Day	90%
D+1	80%
D+2	70%
D+3	60%
D+4	50%

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TABLE 11AIR DAMAGE ASSESSMENT (In Percentage)

<u>TYPE TARGET</u>	<u>NUMBER OF PLANES</u>									
	1	2	3	4	5	6	7	8	9	10
PERSONNEL										
In Column										
Surprised	2.5	5.0	7.5	10.0	12.5	15.0	12.5	20.0	22.5	25.0
W/O										
Surprise	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Deployed										
Surprise	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0
W/O										
Surprise	.75	.5	.75	1.0	1.5	1.5	1.75	2.0	2.5	2.5
<u>VEHICLES</u>										
Armored										
In Column	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
Grouped										
Closely	4.0	8.0	12.0	16.0	20.0	24.0	28.0	32.0	36.0	40.0
Deployed	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0
Unarmored										
In Column	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0
Grouped										
Closely	7.5	15.0	22.5	30.0	37.5	45.0	52.5	60.0	67.5	75.0
Deployed	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0

Neutralized for duration of attack

ARTILLERY

Considered as troop units for casualties

FIRE POWER Neutralized for duration of attackMATERIALStrafing Minor DamageBombing Destruction if in vicinityRockets Destruction if on target

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TABLE 15KILL PROBABILITY TABLE
(Air to Air)

1. The table listed below is the kill probability for one aircraft attacking one or more aircraft in a flight.
2. To use the table, determine whether the release was over or under three miles range. Then enter the proper section with the number of aircraft attacked. The number below the number of aircraft attacked is the number of aircraft kills.
3. KILL PROBABILITY TABLE FOR ONE ATTACKING AIRCRAFT

	<u>Over 3 Miles</u>				<u>Under 3 Miles</u>			
Number of Aircraft in Flight.	1	2	3	4	1	2	3	4
Number of Aircraft Destroyed	0	1	1	2	0	1	2	2

4. AIR TO AIR WEAPON LOADS

- a. To be used in determining number of air to air missiles each type aircraft carries.

b. AGGRESSOR

<u>Type of Aircraft/Code</u>	<u>WEAPON CODE NAME</u>	<u>LOAD</u>
TBA	TBA	TBA

c. LANDING FORCE

<u>Type of Aircraft/Code</u>	<u>WEAPON CODE NAME</u>	<u>LOAD</u>
TBA	SPARROW D-14	TBA

SIDEWINDER D-15

20mm AMMU- None
NITION

In addition to the above weapons, all aircraft, landing force and aggressor will constructively carry a full internal load of 20mm ammunition.

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TABLE 16

BASIC ALLOWANCE CHART

<u>TYPE WEAPON</u>	<u>BASIC ALLOWANCE</u>	<u>DAY OF AMMUNITION</u>	<u>PRESCRIBED LOAD TOTAL PER WEAPON</u>
1. M-16	290 rounds	22 rounds	400
2. Machine Gun M-60	1000 rounds	225 rounds	2125
3. Machine Gun, .30 Caliber			
Tank	4000 rounds	450 rounds	6250
LVT	2000 rounds	225 rounds	3125
4. Machine Gun, .50 Caliber	1000 rounds	100 rounds	1500
5. Pistol, .45Cal	21 rounds	1	26
6. 81mm Mortar	24 rounds	46 rounds	254
7. 105mm Howitzer	116 rounds	99.5 rounds	613.5
8. 106mm RR	6 rounds	8 rounds	46
9. Grenade, M-67 Hand	300 rounds	1 per 9 men	
10. Grenade Launcher, M-79	24 rounds	8 rounds	64
11. 3.5" Rocket Launcher	4 rounds	4 rounds	24

(1) The above totals are based on the basic allowance plus 5 days of fire - Prescribed load.

(2) To determine the amount of ammunition by type, the following formula is used:

Basic Allowance (BA) + Day of Ammunition (DOA) x No. of days = Aggregate Total

EXAMPLE: M-16 BA 290 rounds + (DOA 22 rounds x 5 days of fire) = Total
290 + (22x5) = Total. 290+110=Total Prescribed Load.

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LOGISTICS FACTORS

1. The approximate time for loading a truck is one hour, and one hour required for off-loading. The time required for on-loading, off-loading plus the time required to drive to destination and return is the complete turn around time for a particular trip.
2. The average speed of travel for off highway travel is 10 MPH; 15 MPH for hard surface travel.
3. EXAMPLE: The maximum load for a truck, cargo, 2 1/2 ton for off highway travel is 2 1/2 tons. The distance round trip is 30 miles traveling at 10 MPH; it will take 3 hours of travel time to make the complete round trip. Add one hour for on-loading, one hour for off-loading, making a total of five hours time required to on-load, travel to destination, off-load and return.

WEIGHT LOADING

	<u>Off-Road</u>	<u>Hard-Road</u>	<u>Maximum</u>
Truck, Utility 1/4 Ton	1/4	1/2	1/2
Truck, Utility 3/4 Ton	3/4	1	1
Truck, Utility 2 1/2 Ton	2 1/2	4	5
Truck, Utility 5 Ton	5	5	10

TRAVEL TIME-DISTANCE

<u>Vehicle Speed</u>	<u>Distance</u>	<u>Total Trip Time</u>
10 MPH	5 Miles	30 Min
10 MPH	10 Miles	1 Hr
10 MPH	15 Miles	1 1/2 Hr
10 MPH	20 Miles	2 Hr
10 MPH	25 Miles	2 1/2 Hr
10 MPH	30 Miles	3 Hr
15 MPH	5 Miles	20 Min
15 MPH	10 Miles	40 Min
15 MPH	15 Miles	1 Hr
15 MPH	20 Miles	1 Hr 20 Min
15 MPH	25 Miles	1 Hr 40 Min
15 MPH	30 Miles	2 Hr

- a. Add 2 hours for an off/on loading to determine time required for complete turn around.

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FIRE REPORT FORM

- A. (Target No.) _____
- B. (Unit) _____
- C. (Target Loc) _____
- D. (Target Description) _____
- E. (Ammo Expended) _____
- F. (Assessment) _____

SHELL REPORTS

- A. (Unit or Origin) _____
- B. (Position of Observer) _____
- C. (Direction) _____
- D. (Time From) _____
- E. (Time To) _____
- F. (Area bombed, shelled, or mortared) _____
- G. (No. and type of guns or other methods of delivery) _____
- H. (Nature of Fire) _____
- I. (No. type and Cal. (State whether assumed or measured)) _____
- J. (Time of flash or bang) _____
- K. (Damage) _____

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L. E. JOHNSON

Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

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Annex F (Rules of the Exercise) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON-73)

Ref: (a) CTF 192 Operation Order 341 (Exercise GOLDEN DRAGON-73)
(b) CTF 193 Operation Order 1-73 (Exercise GOLDEN DRAGON-73)
(c) CTF 193 Administrative/Logistics Order 1-73 (Exercise GOLDEN DRAGON-73)

Time Zone: I

1. GENERAL. Combined Exercise GOLDEN DRAGON-73 will be conducted in accordance with pertinent directives of higher authority and the content of this Annex. These rules are applicable to all exercise participants unless specifically exempted.
2. SAFETY PRECAUTIONS
 - a. No live ammunition will be permitted in the possession of participating personnel.
 - b. Demolitions shall not be used without specific authority of the Tactical Exercise Control (TEC) Headquarters.
 - c. Prior to issue, blank ammunition will be carefully inspected to ensure that live ammunition is not present. If live ammunition is discovered, tactical operations will be halted and the nearest umpire and TEC Headquarters will be notified immediately.
 - d. Plugs or debris of any sort will not be inserted in the barrels of weapons.
 - e. Blanks and pyrotechnics will not be fired in the vicinity of actual Class III/Class V storage areas. Such areas will be appropriately marked as containing inflammables/explosives.
 - f. Blanks and pyrotechnics will not be fired on or near aircraft operational areas due to fire hazards.
 - g. Safety radii for commonly used blank ammunition and smoke ejectors will be as follows:

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- (1) Blank 90mm and 105mm (Muzzles elevated about 30 degrees)-125 yards.
 - (2) Cartridge, blank, caliber 30/7.62/5.56, without blank adapters-20 yards. (At night, muzzles will be elevated approximately 45 degrees.)
- h. Duds, of any type or age, discovered by exercise participants will not be destroyed, moved or tampered with in any manner. They will be marked and reported immediately to TEC Headquarters, via the nearest umpire, for disposal.
- i. Only conventional ordnance (Constructive) will be used during this exercise. Chemical ordnance will not be used.
- j. Commanders will ensure that fires are completely extinguished and maneuver areas and facilities are thoroughly policed immediately following their use. Ration cans and communications wire will be policed and removed from all facilities and maneuver areas. Trash will not be buried in any maneuver area. If it is impossible to remove trash during the exercise, arrangements will be made to have it removed immediately upon the completion of the exercise. In the event a maneuver area is found to be in an unsatisfactory state of police, a report is required to be made to TEC Headquarters as soon as practicable. This report is to include the location of the unsatisfactory area, time area was used and using unit if known.
- k. Bayonets will not be affixed to rifles at any time.
- l. Physical contact between opposing forces is not authorized at any time.
- m. With the exception of the Landing Signal Controller, exercise participants in or near helicopter landing zones will stand clear of the approach path, landing site and takeoff path of helicopters at all times except when loading and unloading. Because of sloping terrain features in many helicopter landing zones, particular attention must be given by all hands to stand clear of the tail rotor and main rotor blades.
- n. Vehicles will be operated at speeds commensurate with road and weather conditions, but at no time in excess of posted speeds. At night or during periods of reduced visibility, when a vehicle is operated off road nets and in the vicinity of troops, one man will precede the

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vehicle on foot. Ground guides will be used when vehicles are backing up.

- o. The communications equipment in vehicles will be properly secured prior to refueling the vehicle(s).
- p. Discontinuation of Exercise Conditions. The phrase "EMERGENCY STOP EXERCISE" transmitted by any means will cause immediate discontinuation of the exercise. All stations will maintain guard on communication channels to handle traffic pertaining to the emergency. Any emergency stoppage of the exercise will be reported to TEC Headquarters immediately. Resumption of exercise condition will be promulgated by TEC Headquarters.

3. PERSONNEL CASUALTIES HANDLING (ACTUAL)

- a. Actual casualties which occur during the rehearsal or assault phases will be evacuated as outlined in paragraph 4 of Annex D (Medical) to reference (a).
- d. Casualties ashore will be handled or evacuated in accordance with Annex D (Medical) to reference (c).
- c. TEC Headquarters casualties will be handled in accordance with Annex M (Administrative/Logistics Plan).

4. MATERIAL DAMAGE ASSESSMENT. Material damage is to be assessed by umpires based on the damage assessment tables in Annex D (Umpire Control).

5. PRISONERS OF WAR AND CAPTURED EQUIPMENT

- a. Under no circumstances will individual weapons or equipment be taken from uniformed aggressor PWs. All printed or written matter of intelligence value which is to be carried on the person of a PW will be placed in the individual's outer left breast pocket. Other items of intelligence value may be hand-carried or on externally worn equipment; these items are the only items which may be taken from a PW. Individuals who confiscate such items of equipment from PW's must give a receipt to the PW for same. Under no circumstances will authentication tables, numerical codes or other classified material be taken from any person.
- b. Drivers captured with vehicles will not be separated from their vehicles. Also communication and other equipment operators will not be separated from their equipment upon capture.

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- c. Prisoners will not be subjected to any abuse by capturing side. Practices such as binding prisoners, marching them with hands over heads and requiring them to disrobe are prohibited. Prisoners will be furnished the same rations and water as furnished troops of the capturing side.
 - d. For problem purposes, PW's will not attempt to escape once they are captured. This does not, however, relieve the capturing unit from providing adequate security.
 - e. Captured rations, mail trucks and water trailers will be recorded as captured, then permitted to proceed to their destination. Ambulances will not be captured or detained at any time.
 - f. Aggressor forces normally will not take or hold prisoners except for the duration of local actions. Landing Force troops who are captured will be turned over to the nearest umpire for subsequent return to their parent organization.
 - g. Captured equipment will be assessed by umpires and reported through normal umpire command channels. Additionally, it will be reported to the appropriate commander by the umpire. At no time will equipment be separated from the owner/operator.
6. FIELD FORTIFICATIONS AND OBSTACLES. Will be limited to dummy mine fields. See Appendix 3 (Maneuver Area Restriction) to Annex C (Concept of Control).
 7. SPECIFIC MANEUVER AREA RESTRICTIONS. ROK Armed Forces are actively involved in countering agent infiltrators from the sea. Coastal radars, patrol craft and beach defenses are employed. Conduct of the exercise requires thorough coordination to the lowest level in order to prevent possible ACTUAL FIRING incidents against Landing Forces. The Security Posts shown on the overlay in Annex C (Concept of Control) are part of the ROKMC counter-infiltration (ACTUAL) operation. The above information applies to all Friendly and Aggressor Forces.
 8. IDENTIFICATION OF PERSONNEL AND EQUIPMENT. See Annex D (Umpire Control), and Annex B (Intelligence).

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9. PYROTECHNIC SIGNALS

- a. Smoke grenades (FOR ACTUAL REQUIREMENTS ONLY).
 - (1) Yellow. For use by medical units to indicate helicopter pick-up sites.
 - (2) Red. For use by engineer units to indicate areas in which demolition charges are being detonated as a warning to personnel and aircraft to stand clear.
 - (3) Green. For use by all units for Natural Disaster Rescue Operations. For example; when green smoke is seen it will mean that an individual or unit is stranded and needs immediate assistance.
- b. The use of Yellow, Red and Green smoke grenades for signaling purposes other than as specified in the paragraphs above is prohibited unless prior approval has been secured from the ACofS, C-E, Hq, UNC/USFK/8th Army.
- c. Other pyrotechnic signals for Landing Forces use will be prescribed by Commander, Landing Force.

10. NON-TACTICAL PERIODS

- a. Non-tactical periods of short duration may be required at times during the exercise for the following reasons:
 - (1) In the event of an ACTUAL emergency.
 - (2) To move troops/units through non-tactical areas.
 - (3) To resolve a misunderstanding between opposing forces.
- b. When a non-tactical period is declared by an umpire, he will notify adjacent umpires and those opposing and senior forces which are affected so that they may restrict the tactical movement of their assigned units as required. (A Spot Report will be sent to TEC Headquarters.)

11. COMMUNICATIONS

- a. Annex H (Communication/Electronics).
- b. Landing Forces and Control Organization elements, with the exception of those given express permission by TEC Headquarters, will NOT:

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- (1) Monitor TEC/Umpire or opposing side communication circuits.
 - (2) Use existing telephone or electrical power poles for field wire construction.
 - (3) Conduct cross-net challenge/authentication deception.
 - (4) Use the countersigns, authentications or numerical codes of the opposing forces.
 - (5) Conduct jamming operations, imitative deception or other types of interference.
- c. All cryptographic material will be guarded by ARMED GUARDS carrying LIVE AMMUNITION. Such facilities will be surrounded by white engineer tape and barbed wire. No person will attempt to take or remove any cryptographic material in the possession of another. No person will attempt to infiltrate, capture or enter RESTRICTED AREAS surrounded by barbed wire and tape as indicated above.
12. AIR OPERATIONS INSTRUCTIONS. Air operations and procedures are contained in Annex G (Air).
13. NON-TACTICAL MARKINGS
- a. All non-tactical vehicles will display a white flag.
 - b. Umpires will wear the uniform marking described in Annex B (Intelligence).
 - c. All vehicles carrying official visitors/observers will display a white flag.
14. PASSWORD AND COUNTER-SIGN. Security guards (ACTUAL) and all Landing Force participants for this exercise will use the passwords, countersigns and procedures designated in TAB A (Password and Counter-Sign) to Appendix 3 (Counter-Intelligence) to Annex B (Intelligence) to reference (b).
15. AUTHENTICATION AND NUMERAL ENCRYPTION. All exercise participants will use AKAC 1204 with daily change at 0001L during the exercise.


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16. ADMINISTRATIVE REMARKS. Administrative runs by participating Landing Force units to civilian communities except those specifically authorized are prohibited.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Annex G (Air) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)

Ref: (a) MAPS, KAMS Series L752, KOREA 1:50,000 Sheets 4017 I and II
 (b) CATF Operation Order 341 (Exercise GOLDEN DRAGON-73)

Time Zone: I

1. SITUATION. Landing Force Aviation (TG 193.3) operating from USS TRIPOLI, will conduct air operations in support of the landing and subsequent operations ashore. ROK Air Force will conduct operations in direct support of tactical ground forces.
 - a. Enemy Forces. See Annex B (Intelligence) and intelligence summaries as issued.
 - b. Friendly Forces. Tactical Air Officer (CTF 192) controls and coordinates the employment of aircraft and anti-aircraft weapons fires in support or defense of Amphibious Task Force (TF 192) and Landing Force (TF 193) until responsibility for control, in whole or in part, is assigned to the Landing Force (TF 193).
2. MISSION. To provide coordination and supervision of all friendly and aggressor air in the AOA, and introduce scenario events to assist in controlling the exercise, in order to provide the Landing Forces training in the utilization of air power.
3. AGGRESSOR AIR PROCEDURES. TEC Headquarters, as the situation dictates, will select from Annex L (Scenario) special or opportunity events by scenario number and pass this information to the unit umpire. The umpire will inform the unit of the aggressor air, which will only be observation type missions, and note any actions taken by the unit.
4. FRIENDLY AIR COORDINATION AND CONTROL PROCEDURES
 - a. As soon as the unit umpire becomes aware that an air strike will be requested or has been requested, the umpire will report this information to the TEC Headquarters using a standard scenario event blank with number. EXAMPLE: 14-20-CAS Strike to be conducted against aggressor position, troops, other coordinates (a) ___ at (b) ___ time by (c) ___ A/C, ordnance load (d) _____. TEC Headquarters will evaluate the situation, aircraft capabilities, ordnance load, progress of the unit based on the phase line or play or the problem, and return a BDA to the unit's umpire. The umpire in turn will submit this BDA to the unit air officer who will relay the information to the flight leader of the strike aircraft. In many cases the BDA will be known by the umpire prior to the strike.

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- b. All friendly aircraft will be coordinated and controlled in accordance with Annex H (Air Operations) to reference (b). TACC/DASC will normally assign these mission by fragmentary order.
- c. In some cases it could be desirable for the TEC Headquarters to intercept a friendly strike inbound to the target and notify the flight leader that one aircraft in his flight, was shot down by a SAM, lost one hydraulic system, or must return to base due to a mechanical difficulty. This would force the flight leader to re-evaluate his mission and determine if the strike can still be carried out or should be cancelled. The procedure for this type event are as follows:

- (1) The TEC Headquarters was notified of the flight from a unit umpire, who submitted the required strike information. After checking the latest intelligence report, operations play of the problem or with other sections, the TEC determined that the strike must be diverted, delayed or cancelled to enhance the exercise. A standard event blank with number would be completed by the TEC Headquarters and transmitted to the DASC umpire. The DASC umpire would relay the event information to the flight leader, and await his decision. His decision would also be relayed back to the TEC Headquarters in order that a proper BDA could be assigned to the flight if it continued on the mission with less aircraft. This BDA would also be sent to the unit umpire. Since the TEC Headquarters is utilizing a standard numbered event blank, only the information required by the blank need be transmitted thus reducing radio time required. The umpire at the unit level, the DASC umpire, and of course the TEC Headquarters umpire are all reading from the same scenario and the number indicates the event(s) used.

5. FRIENDLY HELICOPTER COORDINATION AND CONTROL PROCEDURES.

- a. The TEC Headquarters and unit umpire will continue to report helicopter request missions using the standard scenario events.
- b. Control of all helicopter operations will be accomplished by the HDC. The HDC will initially be located aboard the USS TRIPOLI until control is passed ashore. When DASC is established ashore, it will screen requests for helicopter support and forward this information to the HDC (afloat) over the Helicopter Request (HR) or Helicopter Direction (HD) Net.

6. ACTUAL AIRCRAFT CHARACTERISTICS. See Appendix 2 (Aircraft Characteristics).

- 7. AIR UMPIRE TRAINING. All umpires will attend a school commencing 22 March 1973. The school will be conducted in accordance with Annex D (Umpire Control). Upon completion of the school a CPI will be held. During the CPI each umpire should obtain a better understanding of the scenario, radio procedures, event reports, and the exercise itself. For umpire assignment, see Appendix 1 (Air Umpire Assignment).

- 8. OTHER FLIGHT OPERATION REQUIREMENTS. All administrative flight requirements, liaison, and Command/Control will be processed through the TEC S-4. See Annex M (Administrative/Logistics Plan).

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9. TARGET AND SAFETY RULES

- a. All strikes shall be under positive control of a TACP/FAC, TAC(A)/FAC(A), HC(A), TACC/DASC or the flight leader.
- b. If the ceiling is actually below 5000 feet or visibility is less than 5 miles, flight leaders must receive a radar vector letdown to enter the AOA. This does not apply to P-3 aircraft and helicopters. All fixed wing aircraft must be under VFR conditions to conduct strikes within the AOA.
- c. A minimum of 1500'AGL shall be maintained within one mile of any helicopter route.
- d. Aircraft will not fly closer than 500'AGL to troops, shipping or structures.
- e. All runs will be dummy runs. No actual ordnance of any type will be used.
- f. TEC Headquarters will submit events for coordination by TACC, or DASC.
- g. All aircraft crews shall comply with International Civil Aviation Organization (ICAO) Flight Rules, local aircraft procedures and directives which are applicable.
- h. Aviation safety is paramount throughout this exercise.

10. COMMAND AND SIGNAL. See Annex H (Communication-Electronics).

BY COMMAND OF COLONEL YEO



L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

APPENDIXES:

- 1 - Air Umpire Assignment
- 2 - Aircraft Characteristics and Reporting

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Appendix 1 (Air Umpire Assignment) to Annex G (Air) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)

AIR UMPIRE ASSIGNMENT

<u>LINE NO.</u>	<u>TEC BILLET</u>	<u>RANK</u>	<u>MOS</u>	<u>LOCATION</u>
65	Helo Ump	Capt	75XX	HDC, DASC
66 (2)	DASC Ump	Capt	75XX	DASC

BY COMMAND OF COLONEL YEO



L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

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Appendix 2 (Aircraft Characteristics and Reporting) to Annex G (Air) to Exercise
Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. AIRCRAFT MISSION REPORTING.

- a. After the flight has been released from Air Route Traffic Control (ARTC), contact the Tactical Air Control Center (TACC) on the Tactical Air Traffic Control (TATC) net for mission assignment. Call signs for units and control agencies are listed in Annex N (Communication-Electronics) to reference (b).

(1) Make the following initial report to the TACC:

- (a) Event number.
- (b) Squadron tactical call sign and number of aircraft.
- (c) Position and altitude.
- (d) Constructive ordnance load.
- (e) Remarks.

- b. Proceed with assigned mission.

- c. After completing the mission(s), the flight will check out with TACC prior to switching to the ARTC for departure instructions.

(1) Report the following information to the TACC:

- (a) Event number.
- (b) Squadron tactical call sign.
- (c) Position and altitude.
- (d) Estimated time enroute to home base.
- (e) Fuel on board in hours and minutes.
- (f) Constructive ordnance expended.
- (g) Bomb Damage Assessment (BDA).

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2. AIRCRAFT IDENTIFICATION. See TAB A & B of this Appendix.

BY COMMAND OF COLONEL YEO



L. B. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

TABS:

- A: Ground Attack Aircraft
- B: Fighter/Interceptor Aircraft

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TAB A (Ground Attack Aircraft) to Appendix 2 (Aircraft Characteristics and Reporting)
to Annex G (Air) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. GENERAL. The ROKAF F-86 (Actual) will be used as ground attack aircraft for this exercise. It is capable of meeting all proven military requirements.
2. PRINCIPAL AIRCRAFT CHARACTERISTICS (ACTUAL) ARE
 - a. Powerplant - (1) General Electric J47-GE-27 Turbojet 5910 #thrust
 - b. Maximum Speed - 587 KIAS
 - c. Operating Radius - 762 NM
 - d. Standard Ordnance Load
 - (1) (2) Fire Bombs, 500#
 - (10) 500# GP Bombs
 - (2) (1) 2.75" Rocket Pod/19shot
 - (1) Fire Bomb #500
 - (10) 500 # GP Bombs

BY COMMAND OF COLONEL YEO



L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

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TAB B (Fighter/Interceptor Aircraft) to Appendix 2 (Aircraft Characteristics and Reporting) to Annex G (Air) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. GENERAL. The ROKAF T-33 (Actual) may be used as the fighter/interceptor aircraft for this exercise. Due to the actual aircraft availability, this aircraft may perform (CAS) missions.

2. PRINCIPAL AIRCRAFT CHARACTERISTICS (ACTUAL)

- a. Powerplant - (1) Allison J-33-A-35 turbojet, 4600 # thrust
- b. Maximum Speed - 521 KIAS
- c. Operating Radius - 672 NM
- d. Standard Ordnance Load
 - (1) (2) Sidewinder, Air to Air
 - (6) 500 # GP Bombs
 - (2) (4) Sidewinder, Air to Air
 - (2) 2.75" Rocket Pods/19 shot

BY COMMAND OF COLONEL YEO



L. E. JOHNSON
 Major, U. S. Marine Corps
 Exercise Director

KIM PYO JOON
 Lieutenant Colonel, ROK Marine Corps
 Exercise Director

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Annex H (Communication-Electronics) to Exercise Control Order
 1-73 (Exercise GOLDEN DRAGON -73)

Ref: (a) CTF 192 Operation Order 421 (Exercise GOLDEN DRAGON -
 73)
 (b) CTF 193 Operation Order 1-73 (Exercise GOLDEN DRAGON -
 73)
 (c) FMFM 10-1

Time: I

1. SITUATION

a. General. This Annex provides Communication/Electronics guidance and procedures for the Tactical Exercise Control Organization during Exercise GOLDEN DRAGON-73

b. Friendly Forces

(1) Annex A (Task Organization)

(2) TF 193. Provides communication equipment and logistics support for TEC Umpires in accordance with Appendix 2 (USMC Personnel and Equipment Allocation). Provides frequencies for TEC organization Radio and Multichannel circuits.

(3) Command Posts

(a) Afloat

- 1 Amphibious Task Force (TF 192) USS TRIPOLI (LPH-10)
- 2 33d MAU (Landing Force Hq) TF 193: USS TRIPOLI (LPH-10)
- 3 BLT 2/3: HWA SAN (LST 816)
- 4 BLT 2/4: USS TRIPOLI (LPH-10)
- 5 Landing Force Aviation USS TRIPOLI (LPH-10)
- 6 Landing Force LSU: USS TULARE (LKA-112)

(b) Ashore

- 1 33d MAU (TF 193): TBA
- 2 All Landing Force elements report command post when established.
- 3 TEC Headquarters (TG 193.7) Vicinity EQ 412490

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2. MISSION. Communication Platoon, TEC organization, provides communication and electronics support for the TEC Organization throughout Exercise GOLDEN DRAGON-73.

3. EXECUTION

- a. General. The principal communication means employed by the TEC Organization for control and coordination of Exercise GOLDEN DRAGON-73 will be VHF voice radio. Limited communication redundancy will be provided by HF radio, multichannel radio and wire.
- b. Communication Platoon, TEC Headquarters. Install, operate and maintain communication in support of TEC Headquarters.
- c. USMC Umpire Group. Establish and operate radio nets with TEC Headquarters in accordance with Appendix 1 (USMC Radio Plan).
- d. ROKMC TEC Umpire Group. Establish and operate radio nets with TEC Headquarters in accordance with Appendix 3 (ROKMC Radio Plan).
- e. Aggressor Force. Establish and operate internal and external radio nets in accordance with Appendix 3 (ROKMC Radio Plan).
- f. Coordinating Instructions.
- (1) Guiding Principles
- (a) Landing Force and Control Organization elements, with the exception of those given permission by TEC Headquarters, will not:
- 1 Monitor TEC/Umpire or opposing side communications circuits.
 - 2 Conduct jamming, imitative deception, or otherwise interfere/enter TEC Organization or opposing side circuits.
- (b) All TEC/Umpire circuits will be non-tactical in nature.

(2) Radio

- (a) Appendix 1 (USMC Radio Plan) and Appendix 3 (ROKMC Radio Plan).

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- (b) Radio will be the primary means of communication between TEC Headquarters and umpires. TEC Control nets 1 and 2 will be activated at L-25hrs. The remaining TEC organization nets will be activated at L-60 minutes.
- (c) All TEC organization radio nets will be maintained on a 24 hour basis unless otherwise directed by the Net Control Station (NCS).
- (d) Call signs will be in accordance with TAB A (Call Sign Plan) to Appendix 1 (USMC Radio Plan) and Tab A (Call Sign Plan) to Appendix 3 (ROKMC Radio Plan).
- (e) Frequencies will be in accordance with TAB B (Frequency Plan) to Appendix 1 (USMC Radio Plan) and TAB B (Frequency Plan) to Appendix 3 (ROKMC Radio Plan).
- (f) In the event of radio failure, umpires will notify TEC Headquarters by the quickest means available (i.e., radio, wire, courier) to obtain technical assistance and/or equipment replacement.
- (g) Antenna Siting
 - 1 Whenever possible, TEC Umpires will erect and utilize RC-292 Antennas on VHF/FM radio nets.
 - 2 Locations for Umpire Antenna sites will be cleared with the umpired unit prior to antenna erection.
- (h) Emergency helicopter requests will be processed in accordance with Annex M (Administrative/Logistics Plan) over existing TEC Organization radio nets.

(3) Wire

- (a) Wire will be used for internal TEC Headquarters communications.
- (b) All wire lines will be overheaded, staked, or buried, as appropriate, within the TEC Headquarters area.
- (c) The TEC switchboard will use the call sign "TEC CONTROL".

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- (d) A TEC Headquarters telephone directory will be issued separately.

(4) Multichannel Radio

- (a) Appendix 4 (Multichannel Radio Plan)
- (b) A four circuit, multichannel radio link will be established between TEC Headquarters and 33d MAU (Ashore) as the situation permits. This link will enable TEC Headquarters to enter the 33d MAU Switchboard and allow subsequent access to wire lines/multichannel links established by the MAU.
- (c) The ROKMC will have the capability to enter the 33d MAU radio relay link to provide communication between BLT 2/3 and TEC HQ.

(5) Cryptographic

- (a) Authentication/numeral codes and other crypto systems will not be used on TEC radio nets.
- (b) Actual classified traffic will not be passed over TEC radio, wire or multichannel systems. These systems are susceptible to actual enemy monitoring.

(6) (a) Annex F (Rules of the Exercise).

- (b) The TEC Headquarters helicopter landing zone will be marked using VS-4/c (Radiant Red) panels.

(7) Messenger Service

- (a) Vehicular and, if available, helicopter messenger service will be established at TEC Headquarters.

(8) Safety

- (a) Annex F (Rules of the Exercise)
- (b) Communication equipment will be properly grounded before operations as required.

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- (c) Antennas will be sited at a distance no closer than twice the antenna height along the ground from any kind of overhead powerline, wire or cable.
- (d) All high-powered, single-side-band radio equipment, e.g., AN/MRC-83, AN/MRC-87, will display a "DANGER HIGH VOLTAGE DEATH ON CONTACT" sign in both English and Korean. The letters will be yellow, at least two inches in height, and the background red. Waist high white engineer tape will be utilized to mark a danger area surrounding the antenna during periods of stationary operations.
- (9) Emergency Communications. The phrase "Emergency Stop Exercise" transmitted by any means will cause immediate discontinuation of the Exercise. All stations will maintain guard on communication channels to handle traffic pertaining to the emergency. Any emergency stoppage of the Exercise will be reported to TEC Headquarters immediately. Resumption of exercise conditions will be promulgated by TEC Headquarters through control organization communication channels.

4. ADMINISTRATIVE AND LOGISTICS

a. Administrative

- (1) Annex M (Administrative/Logistics Plan).
- (2) Appendix 2 (USMC Personnel and Equipment Allocation) and Appendix 6 (ROKMC Personnel and Equipment Allocation).
- (3) Radio circuit logs will be maintained for all radio nets. The NCS will maintain complete logs, subordinate stations will maintain a message file as their log.
- (4) Actual communication outages and simulated loss of communication equipment/personnel will be reported to TEC Headquarters via SCENARIO, SITREPS or SPOTREPS as appropriate. See Annex O (Reports).

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b. Logistics

- (1) Annex M (Administrative/Logistics Plan).
- (2) Participating units will provide communications logistic support, to include 2d echelon maintenance and communication expendable items, for the TEC Umpire(s) assigned to their respective command post. Appendix 3 (USMC Personnel and Equipment Allocations) and Appendix 4 (ROKMC Personnel and Equipment Allocation) specifies the Communication Equipment requirements.
- (3) Third echelon communication maintenance will be provided by the LSU for USMC Equipment and by Service Battalion for ROKMC Equipment.

BY COMMAND OF COLONEL YEO



L. E. JOHNSON

Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON

Lieutenant Colonel ROK Marine Corps
Exercise Director

APPENDIXES:

- 1-USMC Radio Plan
- 2-USMC Personnel and Equipment Allocation
- 3-ROKMC Radio Plan
- 4-Multichannel Radio Plan
- 5-Message Preparation and Handling
- 6-ROKMC Personnel and Equipment Allocation

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Appendix 1 (USMC Radio Plan) to Annex H (Communication-Electronics) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON -73)

Ref: (a) FMFM 10-1

1. GENERAL. This Appendix provides information on TEC organization radio nets, call signs and frequencies.

- a. Exercise Control Radio Nets

- (1) TEC Control #1 (VHF). Provides umpire control and coordination between TEC Headquarters and BLT 2/4 Umpires.
- (2) TEC Control #2 (VHF). Provides umpire control and coordination between TEC Headquarters and the BLT 2/3 Umpires.
- (3) Supporting Arms/Damage Assessment Net #1 (VHF). Provides umpire control and coordination between TEC Headquarters and the supporting arms units with the BLT's. This net will also provide for the umpires at the BLT level to check out of their primary TEC Control Net and transmit/receive detailed damage assessment information.
- (4) TEC Umpire Control #1 (VHF). Provides umpire control between BLT 2/4 and its organic companies.
- (5) TEC Umpire Control #2 (VHF). Provides umpire control between BLT 2/3 and its organic companies.
- (6) Exercise Coordination (VHF) Provides ship to shore Exercise Coordination between TEC Headquarters and MAU (Afloat).
- (7) COMNAVFORKOREA Command (HF). Provides Coordination between TEC Headquarters and USMC Advisory Group at POHANG.


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KIM PYO JOON
Lieutenant Colonel ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

TABS:

A: Call Sign Plan
B: Frequency Plan

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TAB A (Call Sign Plan) to Appendix 1 (USMC Radio Plan) to
 Annex H (Communication-Electronics) to Exercise Control
 Order 1-73 (Exercise GOLDEN DRAGON -73)

1. Voice Call Signs

- a. TEC Headquarters. The Headquarters will use the call sign "TEC CONTROL" on all radio nets.
- b. Umpires. Umpires will use the call signs listed in paragraph 2 below followed by the term "UMPIRE".

Example of a transmission between TEC Headquarters and an Umpire:

"RED DOG UMPIRE" this is "TEC CONTROL" over.

- c. Collective. The call sign "TEC COLLECTIVE" will serve as the collective call over TEC Organization radio nets.
 EXAMPLE: "TEC COLLECTIVE" this is "TEC CONTROL" over.

2. Encode Voice Call SignsCALL SIGNSUNIT,

CO, 33d MAU
 TEC Director
 TEC HQ
 TEC Collective
 BLT 2/4 CMD
 CO E
 CO F
 CO G
 CO H
 TANKS
 AMTRACS
 LSU
 LF AVIATION
 ARTILLERY


ALBERT SAILBOAT
 BIRDMAN GROTT
 TEC CONTROL
 TEC COLLECTIVE
 KINGPIN CABARET
 BUCKSKIN BONUS
 BOLD CRUSADE
 SERPENT SPLENDID
 DIGITAL FIDDLE
 TOLLGATE FLOWER
 FASHION DIMPLE
 STARLING LONGBOW
 CASTLE CYPRESS
 STAMPEDE BRONZE

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KIM PYO JOON
Lieutenant Colonel ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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TAB B (Frequency Plan) to Appendix 1
(USMC Radio Plan) to Annex H
(Communication-Electronics) to
Exercise Control Order 1-73
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LEGEND	ACTIVATION	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
		D-DAY	D-DAY	D-DAY	D-DAY	D-DAY	ON OR OFF	DETEC	D-2	D-DAY	D-5	—	—				
	NOTES																
	NETS	TEC CONTROL #1	TEC CONTROL #2	SUPARMS/DAM ASSESS	BLT CONTROL #1	BLT CONTROL #2	EX CORD	LF CMD#2 (EX CORD)	LF COMM CORD (HETR SITE)	COMNAVFOR KOREA CMD	LZ CONTROL PRIMARY	LZ CONT SECONDARY					
	DESIGNATION	C-89	C-95	C-48	C-75	C-99	C-04	C-69	C-17		C-71	C-67					
UNIT ORGANIZATION	PRIMARY FREQUENCY	57.55	30.20	33.00	55.95	36.80	7151.5	30.80	34.80	71470.0	69.55	72.15					
	EMISSON	30F3	30F3	30F3	30F3	30F3	3A3J	30F3	30F3	3A3J	30F3	30F3					
UNIT ORGANIZATION	UNIT CALL VOICE																
TEC HQ	BIRDMAN GROTO	C	C	C	R	R	R	R	R	X	R	R					
BLT 2/A Umpire	KINGPIN CABARET	X		X	C					X	R	R					
Co "E" Umpire	BUCKSKIN BONUS				X												
Co "F" Umpire	BOLD CRUSADE				X												
Co "G" Umpire	SERPENT SPLENDID				X												
Co "H" Umpire	DIGITAL FIDDLE				X												
Aviation Umpire	CASTLE CYPRESS				X												
Arty Umpire	STAMPEDE BRONZE				X												
LSU Umpire	STARLING LONGBOW				X												
Tanks Umpire	TOLLGATE FLOWER				X												
Amtracs Umpire	FASHION DIMPLE				X												
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<div> <div>KIM PYO JOON</div> <div>Lieutenant Colonel, ROK Marine Corps</div> <div>Exercise Director</div> </div> <div> <div>L. E. JOHNSON</div> <div>Major, U. S. Marine Corps</div> <div>Exercise Director</div> </div>																	
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Appendix 2 (USMC Personnel and Equipment Allocation) to Annex H
 (Communication-Electronics) to Exercise Control Order
 1-73 (Exercise GOLDEN DRAGON-73)

Ref: None

1. GENERAL. This Appendix outlines the USMC Communication Personnel and equipment supporting TEC Operations.

- a. Personnel

- (1) TEC Headquarters

<u>BILLET</u>	<u>MOS</u>	<u>NO. PERSONNEL</u>
CEO	2502	1
Asst CEO	2502	1 (ROKMC)
Comm Chief	2591	1
Radio Repair	2841	1
Radio Watch NCO	2531/2533	1
Radio Operators	2531/2533	6
Wire Chief	2511	1
Wireman	2511	2

- (2) BLT/Chief Umpire

Radio Operators	2531/2533	4
-----------------	-----------	---

- (3) RIFLE COMPANY

Radio Operators	2531/2533	2 per Co.
-----------------	-----------	-----------

- (4) AVIATION

Radio Operators	2531/2533	4
-----------------	-----------	---

- (5) ARTILLERY BN.

Radio Operators	2531/2533	2
-----------------	-----------	---

- (6) LSU

Radio Operators	2531/2533	2
-----------------	-----------	---

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(7) TRACK VEHICLE SECTION

Radio Operators	2531/2533	2
-----------------	-----------	---

b. Primary Communication Equipment(1) TEC Headquarters

<u>ITEM</u>	<u>NUMBER</u>
AN/PRC-25	3
AN/GRA-39A	3
AN/PRC-47	1
SB-22	2
TA-312/PT	20
RC-292	3

NOTE: Above equipment will be organic to TEC Hq.

(2) ARTILLERY

AN/PRC-25	1
AN/GRA-39A	1
RC-292	1

NOTE: Equipment provided by TEC Hq.

(3) AVIATION

AN/PRC-25	2
-----------	---

NOTE: Equipment provided by TEC Hq.

(4) BLT's

AN/PRC-25	3 per BLT
AN/GRA-39A	3 per BLT
RC-292	3 per BLT

NOTE: Equipment provided by TEC Hq.

(5) RIFLE COMPANY

AN/PRC-25	1 per Co.
-----------	-----------

NOTE: Equipment provided by TEC Hq.

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(6) LSU

AN/PRC-25
AN/GRA-39A
RC-292

1
1
1

NOTE: Equipment provided by TEC Hq.

(7) TRACK VEHICLE SECTION

AN/PRC-25


1

NOTE: Equipment provided by TEC Hq.

3. TEC Communication personnel will report to the TEC CEO
on 22 Mar 1973.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Appendix 3 (ROKMC Radio Plan) to Annex H (Communication -
Electronics) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON-73)

Ref: None


1. GENERAL. This Appendix outlines TEC organization radio
nets.

a. Exercise Control Radio Nets

- (1) DIVISION LIAISON. Provides coordination between TEC Headquarters and the 1st ROKMC Division Headquarters.
- (2) TEC CONTROL #2. Provides umpire control and coordination between TEC Headquarters and BLT 2/3.
- (3) BLT CONTROL #2. Provides umpire control and coordination between BLT 2/3 and its organic companies.
- (4) AGGRESSOR CONTROL. Provides the Aggressor unit with internal communications.
- (5) SUPPORTING ARMS/DAMAGE ASSESSMENT NET #1(VHF). Provides umpire control and coordination between TEC Headquarters and the supporting arms units with the BLT's. This NET will also provide for the umpires at the BLT's to check out of their primary TEC control Net and Transmit/Receive detailed damage assessment information.

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KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

TABS:

- A: Call Sign Plan
- B: Frequency Plan

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TAB A (Call Sign Plan) to Appendix 3 (ROKMC Radio Plan) to
 Annex H (Communication-Electronics) to Exercise Control
 Order 1-73 (Exercise GOLDEN DRAGON-73)


1. The below listed call signs will be used by the TEC Organization:

<u>UNIT</u>	<u>CALL SIGN</u>
TEC Director	BIRDMAN GROTTTO
TEC HQ	TEC CONTROL
BLT 2/3	BUL KOOK SA
BTRY H, ARTY BN	SOL BANG UL
81mm Mortars	THONY WALKER
Co A BLT 2/3	PYOU KUKI
Co B BLT 2/3	MAK DAE KI
Co C BLT 2/3	SO NA MOO
TANK Platoon	KYNE JAE DO
Shore Party	HAPPY THONY
Recon Platoon	BACK IL HONG
LVT Company	BAM SONG HEE
TACP/SFCP	PEARL SISTER
Aviation Unit	NAL TIM SUNG
Engr Platoon	AN CHIP
Service Platoon	MUL BANG A

2. Umpires will use the call signs listed in paragraph 1 above followed by the term "UMPIRE".

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KIM PYO JOON
 Lieutenant Colonel ROK Marine Corps
 Exercise Director


 L. E. JOHNSON
 Major, U. S. Marine Corps
 Exercise Director

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L. E. JOHNSON

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

Major, U. S. Marine Corps
Exercise Director

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Appendix 4 (Multichannel Radio Plan) to Annex H (Communication-Electronics) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON -73)

Ref: (a) CTF 193 Operation Order 1-73 (Exercise GOLDEN DRAGON-73)

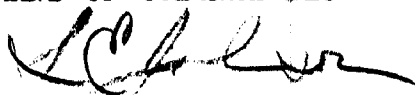
1. GENERAL. This Appendix provides the channelization of the Multichannel Radio System which will be utilized by TEC Headquarters.

(a) TEC Channelization

<u>Link #2</u>		<u>MAU</u>	<u>TEC</u>
CHNL	2001	G-3	Common User
	2002	Common User	Common User
	2003	BLT 2/4 Umpire	Common User
	2004	BLT 2/4	Common User

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Appendix 5 (Message Preparation and Handling) to Annex H
 (Communication-Electronics) to Exercise Control
 Order 1-73 (Exercise GOLDEN DRAGON -73)

Ref: (a) DNC-5
 (b) CTF 192 Operation Order 341 (Exercise GOLDEN DRAGON -73)

1. This Appendix provides guidance in the preparation and handling of message traffic.
 - a. Messages intended for Exercise Play ONLY will contain the phrase "Exercise GOLDEN DRAGON-73" directly under the CLASSIFICATION line and at the end of the text.
 - b. Messages intended for Exercise ONLY will be addressed from the originator to the addressee who would normally receive the message. The addressee's title will be followed by the term "CONSTRUCTIVE". This type message will be delivered to TEC Headquarters who will assume the role of the action addressee. TEC Headquarters will originate a reply to the message using the title of the organization to which the message is addressed followed by the term "CONSTRUCTIVE".

EXAMPLE:

FM: CTG 79.5/CTF 193
 TO: CTG 79.3 (CONSTRUCTIVE)
 CLASSIFICATION
 EXERCISE GOLDEN DRAGON-73
 AIR RECON REQUEST
 (TEXT)
 EXERCISE GOLDEN DRAGON-73

- c. Messages transmitted to an actual unit requesting information from a Constructive unit will have an actual message address (FROM/TO Line) with a Constructive message address within the text.

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EXAMPLE:

FM: ONE NINE THREE
 TO: ONE NINE THREE PT. SEVEN
 INFO: ONE NINE TWO
 CLASSIFICATION
 EXERCISE GOLDEN DRAGON-73
 FM: CTG 79.1 (CONSTRUCTIVE)
 TO: CTG 79.3 (CONSTRUCTIVE)
 AIR RECON REQUEST
 (TEXT)
 EXERCISE GOLDEN DRAGON-73

The actual addressee will reply to the message using the same format as above.

- d. Messages transmitted over TEC Control nets which require real action will contain the term "ACTUAL" directly at the beginning and at the end of the message text.
- e. All communications concerning Exercise GOLDEN DRAGON-73 will be classified until commencement of the Exercise. Thereafter, classification should be according to content. For messages classified CONFIDENTIAL solely because of a reference to Exercise GOLDEN DRAGON-73 Operations, downgrading instructions will specify declassification on 1 May 1973.
- f. The following SOP will be observed for processing message traffic in the TEC Headquarters Operations Center:
 - (1) All Radio Supervisors will maintain a log of all incoming/outgoing messages.
 - (2) Outgoing Traffic
 - (a) The Drafter will deliver 2 copies of the message to the Radio Supervisor.
 - (b) The Radio Supervisor will provide these copies to the appropriate Radio Operator.
 - (c) The Radio Operator will transmit the message, assign a Time of Transmission (TOT) which will suffice as a Date-Time-Group (DTG), and return the copies to the Radio Supervisor.

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- (d) The Radio Supervisor/Messenger, if available, will deliver one copy of the message to the Operations Chief and one copy to the S-1.
- (e) The Operations Chief will log the message in his Journal and file the message in the Operations Journal Message File.
- (f) The S-1 will log the message in his message log, attach it to the Message Read Board and route to TEC Headquarters Staff Representatives.
- (g) After the message has been routed, the S-1 will file the message in the MASTER MESSAGE FILE.

(3) Incoming Traffic

- (a) The Radio Operator will make 2 copies of each incoming message and assign a Time of Receipt (TOR) which will suffice as a DTG.
- (b) The Radio Operator will deliver both copies to the Radio Supervisor.
- (c) The Radio Supervisor/Messenger will deliver one copy to the S-1 and the Operations Chief.
- (d) The Operations Chief will log the message in his Journal and deliver it to the Action Staff Officer.
- (e) The Action Staff Officer will take the necessary action and return the message to the Operations Chief who will file it in the Operations Journal Message File.
- (f) The S-1 will log his copy of the message in his message log, attach it to the Message Read Board and route to TEC Headquarters Staff Representatives.
- (g) After the message has been routed, the S-1 will file the message in the MASTER MESSAGE FILE.

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KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Appendix 6 (ROKMC Personnel and Equipment Allocation) to Annex
 H (Communication-Electronics) to Exercise Control
 Order 1-73 (Exercise GOLDEN DRAGON-73)


Ref: None

1. This Appendix outlines the ROKMC Communications and Equipment supporting TEC Operations.

<u>UNIT</u>	<u>PERSONNEL</u>	<u>EQUIPMENT</u>
TEC HQ	(1) Comm Chief	(2) AN/PRC-25
	(2) Radio Operators	(2) AN/GRA-39
	(2) Wireman	(2) RC-292
BLT	(4) Radio Operators	(2) AN/PRC-25
		(2) AN/GRA-39
		(2) AN/PRC-10
		(2) AN/GRA-6
		(2) RC-292
COMPANIES	(6) Radio Operators	(6) AN/PRC-10
AGGRESSOR HQ	(2) Radio Operators	(1) AN/PRC-25
		(1) AN/PRC-10
AGGRESSOR PLTS	(3) Radio Operators	(3) AN/PRC-10

BY COMMAND OF COLONEL YEO

KIM PYO JOON
 Lieutenant Colonel, ROK Marine Corps
 Exercise Director


 L. E. JOHNSON
 Major, U. S. Marine Corps
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 1-73 (Exercise GOLDEN DRAGON -73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO San Francisco 96602
141700I March 1973

Annex I (Personnel) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

Ref: None

Time Zone: I

1. GENERAL

- a. This Annex contains information relative to exercise personnel only.
 - b. Actual personnel support for participating units will be in accordance with Unit SOPs.
 - c. Personnel support for TEC Headquarters and the Umpire Group is contained in Annex M (Administrative/Logistics Plan).
2. MISSION. To control, coordinate and evaluate the activities of the Landing Force in the area of personnel during a combined amphibious operation.
3. SCOPE. The following major areas will be exercised during the conduct of Exercise GOLDEN DRAGON - 73:
- a. Maintenance of personnel strengths.
 - b. Personnel replacements.
 - c. Prisoner of War processing.
 - d. Graves registration.
 - e. Morale and personnel services.
 - f. Personnel procedures.

4. METHOD OF CONTROL

a. Maintenance of Personnel Strength

- (1) Casualties will be assessed by individual umpires in accordance with Annex D (Umpire Control).
- (2) Two types of casualties may be assessed; constructive and simulated.
 - (a) A constructive casualty is assessed to affect the combat power of the unit. They will not be evacuated from their parent unit, but will be constructively placed out of action for one hour and then returned to duty.

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(b) Simulated casualty. A simulated casualty is assessed to exercise the medical evacuation and personnel handling procedures. These casualties will be evacuated to the rear as required for the type of wound received.

(3) Assessed casualties, constructive and simulated, will be reported to TEC Headquarters through scenario event reports. See Annex O (Reports).

(4) Cumulative casualties, as held in participating unit records, will be reported to TEC Headquarters on the Situation Report. See Annex O (Reports).

b. Personnel Replacements

(1) Constructive Casualties

(a) Constructive casualties will be restored to duty within one hour after being assessed.

(b) Constructive casualties will be counted as replacements by the participating unit upon being restored to duty.

(2) Simulated Casualties

(a) Simulated casualties after having been physically evacuated and released to duty by medical personnel will report as stragglers to the S-1 of the ELT.

(b) They will be returned to their parent units as replacements no later 1700 each day.

(c) Simulated casualties will be picked up as replacements upon reporting back to their parent unit.

c. Prisoner of War Processing

(1) Aggressor prisoners of war will be processed in accordance with participating unit SOPs and Annex F (Rules of the Exercise). Aggressor prisoners of war will be released to the nearest aggressor umpire for return to parent unit upon completion of physical processing and in no case will be held longer than eight hours.

(2) Prisoners of war for USMC units will be constructive. Simulated prisoners of war will be introduced through scenario events. Participating units will be expected to respond through establishment of PW collection points and measures taken to process and evacuate the prisoners.

d. Graves Registration

(1) Aggressor and civilian KIA will be introduced by scenario events. Friendly force KIA will be assessed as in paragraph 4a.

(2) Although units will not have physical KIA's, they must make plans to process, and bury or evacuate their own dead, enemy, and civilian dead in accordance with Landing Force directives.

(3) Results of graves registration will be reported in the Situation Reports. See Annex O (Reports).

e. Morale and Personnel Services. Events will be introduced through the scenario covering pay, postal services, decorations and awards, welfare services, and leave.

f. Personnel Procedures. Events will be introduced through the scenario covering promotion, rotation, and separation.

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5. EVALUATION

a. Criteria

- (1) Umpires and the TEC S-1 will evaluate participating unit personnel procedures in order to determine the following:
 - (a) Whether the unit took realistic actions in response to exercise play involving the personnel area.
 - (b) Whether the unit made plans and initiated action to overcome deficiencies.
- (2) Specific evaluation guidelines are provided in the subsequent paragraphs.

b. Maintenance of Personnel Strength

- (1) TEC S-1 will evaluate unit strength based on a comparison of casualties assessed in scenario events and the information maintained by the participating unit as reported by the umpire in the Situation Report.
- (2) Umpires will note on their Events Report Form whether unit commanders took realistic actions in response to personnel casualties, such as reorganization, relief of units, reports to higher headquarters, and modification of tactical plans.

c. Replacements

- (1) Umpires will note whether the participating unit made timely requests for replacements by rank and MOS.
- (2) This evaluation will be noted in the Situation Report.

d. Graves Registration

- (1) TEC S-1 will compare figures of KIA(s) reported through scenario events with cumulative totals maintained by the participating unit as reported by the umpire in the Situation Report.
- (2) Umpires will note whether the unit took appropriate actions in the Situation Report.

e. Morale, Personnel Services and Personnel Procedures. Umpires will note participating unit actions taken for each event inserted in the scenario. No report is required during the exercise.

f. Post Exercise Evaluation

- (1) Each umpire and the TEC S-1 will review their completed Event Reports for personnel events inserted in the exercise to determine the units response and actions to specific situations.

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- (2) Based on these reports, data maintained at the TEC Headquarters and objective evaluations, an overall assessment of the ability of the unit to meet the general evaluation criteria stated in paragraph 5a will be made. These evaluations will be set forth in the Post Exercise Report. See Annex O (Reports).

6. REPORTS

- a. Exercise Reports. The only personnel report required during the exercise is paragraph 3 PERSONNEL of the Situation Report. Other personnel information will be reported as required in particular scenario events.
- b. Post Exercise Reports
- (1) Personnel Scenario Event Reports.
 - (2) Administration report (See Annex O, Appendix II, Tab A, Page 1, paragraph 9 of the Post Exercise Report).
 - (3) See Annex O (Reports) for proper format.

BY COMMAND OF COLONEL YEO



L. E. JOHNSON

Major, U. S. Marine Corps
Exercise DirectorKIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise DirectorDISTRIBUTION: Annex P (Distribution) to Control Order 1-73 (Exercise GOLDEN
DRAGON - 73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO, San Francisco 96602
141700I March 1973

Annex J (Logistics) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

Ref: (a) FMFM 3-1
(b) FMFM 4-1
(c) FM 105-5
(d) 33d MAU Admin/Log O 1-73 (Exercise GOLDEN DRAGON - 73)

Time Zone: I

1. GENERAL

- a. This Annex contains information relative to exercise logistics only.
- b. Actual logistic support for participating units will be in accordance with unit SOP's.
- c. Logistic support for TEC Headquarters and the Umpire Group is contained in Annex M (Administrative/Logistics Plan).

2. MISSION. To control and exercise the logistic capabilities of the Landing Force in support of a combined amphibious operation.

3. SCOPE. The following major categories of Landing Force logistic capabilities will be exercised during the conduct of Exercise GOLDEN DRAGON - 73.

- a. Supply and resupply.
- b. Transportation to include ground and air.
- c. Service support which will include:
 - (1) Shore Party.
 - (2) Engineer.
 - (3) Communication-Electronics.
 - (4) Ordnance.
 - (5) Motor transport.
 - (6) Medical.
 - (7) Dental.

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d. Evacuation and hospitalization.

4. CONCEPT OF CONTROL. See Annex C (Concept of Control).

5. METHOD OF CONTROL

a. Logistic sections of participating units, and combat service support organizations will be exercised.

b. Logistic support play will respond to both the tactical situation and planned logistic events. Flexibility will be achieved by the insertion of special events, according to the schedule presented in the scenario, and opportunity events, inserted by the individual umpire. The scenario will indicate the umpire echelon authorized to inject each event. The umpire echelon injecting each event will inform TEC Headquarters of the injection and time and place involved. The TEC S-4 may directly insert events through the appropriate umpire from time to time in order to respond to planned or actual changes in the tactical situation.

c. Umpires will verify that actions taken by participating units are logistically feasible. Logistical deficiencies will be permitted to have full impact on the tactical situation.

d. Sample Logistic Events or Situations

(1) Supply or resupply missions.

(2) Evacuation and repair of damaged equipment.

(3) Deadline of equipment for required maintenance.

(4) Simulated or actual displacement of combat service support units.

(5) Imposition of deficiencies such as:

(a) Shortages of combat essential major end-items.

(b) Curtailment of road network use.

(c) Insufficient service support for repair of installations.

(6) Requirements for reports as directed in reference (d).

(7) Simulated losses of equipment.

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- (8) Simulated destruction of installations such as:
 - (a) Bridges.
 - (b) Highways.
 - (c) Radio sites.
- (9) Simulated casualties. (Actual casualties will be treated in accordance with unit SOP's).
- e. Damage, loss, and casualty assessment criteria are contained in Annex D (Umpire Control).
- f. Control Procedures
 - (1) Detailed control procedures are contained in Annex D (Umpire Control).
 - (2) In the event of displacement of logistic support units, realistic time and space factors will be applied. These factors will also apply in supply play.
 - (3) Simulated damaged equipment requiring 3d or higher echelon repairs will not be evacuated. Constructive evacuation and repair time will be allotted by the unit umpire.
 - (4) Constructive casualties:
 - (a) Will be tagged by medical personnel in accordance with Annex D (Umpire Control).
 - (b) Will be recorded in accordance with current BUMED administrative procedures.
 - (c) Will be treated, but not evacuated.
 - (d) Will be treated with actual medical supplies insofar as practicable. Supply action will be required to replenish actual and constructive supplies expended in the treatment of simulated casualties.
 - (e) Will be returned to duty after one hour after having been assessed.
- g. Reporting Procedures
 - (1) Detailed reporting procedures for post-exercise, spot, event, and periodic reports are contained in Annex O (Reports).

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- (2) Generally, the logistic portion of the SITREP will cover the following broad areas:
- (a) Expended quantities of on-hand supplies. This portion will be limited to classes I, III and V only.
 - (b) A resume of supply action taken to replenish depleted stocks of supply classes I, III and V.
 - (c) Number of combat deadlines of combat essential equipment in the weapons, motor transport, and radio commodity areas.
 - (d) Significant supply and/or repair problems which can materially affect the tactical situation.
 - (e) Significant logistic deficiencies which can materially affect the tactical situation.
 - (f) Action taken or proposed to correct an unsatisfactory logistic situation.
- (3) The logistic portion of the SITREP will be submitted in the format prescribed in Annex O (Reports) by the following umpires:
- (a) BLT
 - (b) LSU (The LSU umpire section will remain with the 33d MAU LSU Headquarters).

BY COMMAND OF COLONEL YEO



KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO San Francisco 96602
141700I March 1973

Annex K (Command Relationships) to Exercise Control Order 1-73
(GOLDEN DRAGON-73)


Ref: (a) CINCPACFLT 012344Z Feb 73 (S)
(b) CG III MAF 250910Z Feb 73 (C)

Time Zone: I

1. CINCPACFLT directed a combined ROK/US amphibious exercise be conducted in KOREA during the period 31 March - 8 April 1973.
2. Reference (a) established COMNAVFOR KOREA as the Officer Scheduling the Exercise (OSE). COMPHIBFORSEVENTHFLT (CTF 76) is designated as the Officer Conducting the Exercise (OCE) and COMPHIBRON THREE (CTF 76.5) as Amphibious Task Force Commander (CTF 192). Reference (b) designated Commanding Officer 33d Marine Amphibious Unit (CTG 79.5) as the Landing Force Commander (CTF 193).
3. Reference (b) designated Col. YEO, ROKMC as the Exercise Coordinator (CTG 193.7).
4. Participating ROK forces remain under the operational control of CINUNC and report to CATF/CTF for coordination and cooperation during planning and execution of this exercise.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. B. JOHNSON
Major, U. S. Marine Corps
Exercise Director

APPENDIXES:

- 1 - Command Relationships During Operations Diagram
- 2 - Exercise Control Diagram

DISTRIBUTION: Annex P (Distribution) to Exercise Control
Order 1-73 (Exercise GOLDEN DRAGON -73)

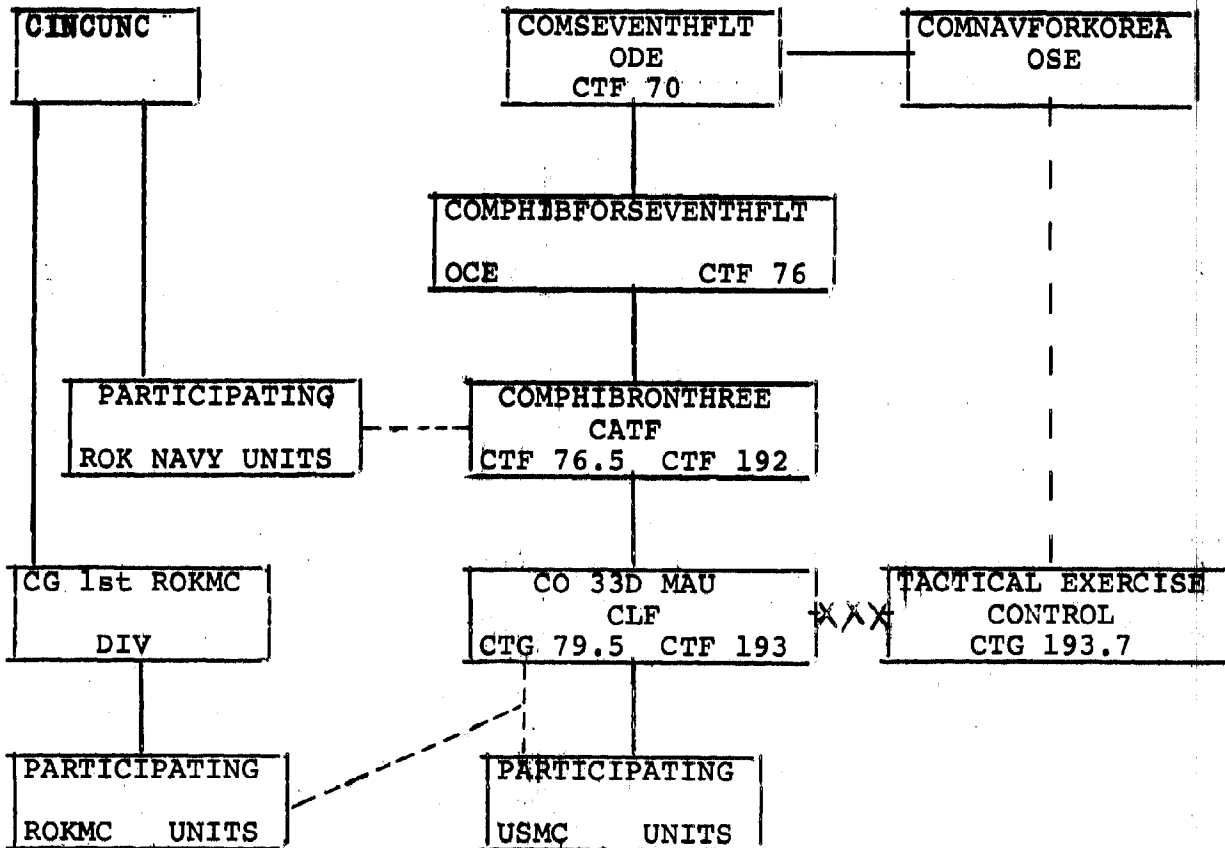
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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO San Francisco 96602
 1417001 March 1973

Appendix 1 (Command Relationships Diagram) to Annex K (Command Relationships) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)



_____ COMMAND
 - - - - - COORDINATION/COOPERATION
 X X X X X EXERCISE COORDINATION

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KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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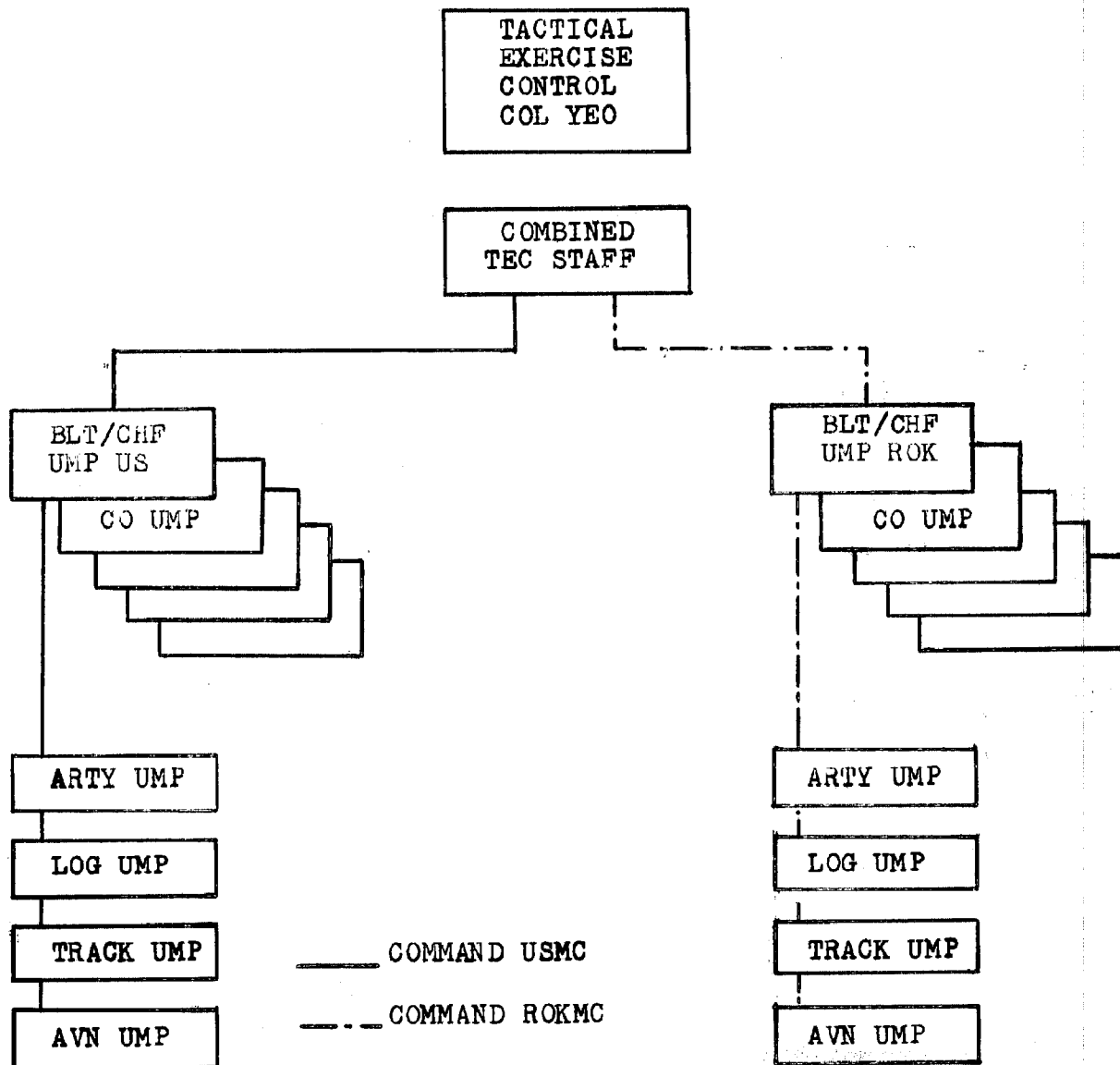
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Appendix 2 (Exercise Control Diagram) to Annex K (Command Relationships) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON-73)



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KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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CONFIDENTIALHEADQUARTERS MARINE CORPS
ROUTING SHEET (5511)
NAVMC HQ 335c (REV. 6-71)

301583 33D MAU/CTF 193 ANX L ECONO 1-73 GLD DR 3121 MAU		2	823T
DOCUMENT CONTROL NUMBER	SUBJECT	FILE NUMBER	ORIG. NATOR
		ORIGINATOR CONTROL NO.	CY. NO.
			DATE

ROUTING - Use numbers to show order of routing

OPERATION CODE

X - ORIGINATING OR OFFICE
AFFIXING ROUTING SHEET
A - FOR APPROPRIATE ACTION
B - FOR GUIDANCE
C - FOR SIGNATURE
D - FOR COMMENT
E - FOR RECOMMENDATION
F - FOR CONCURRENCE

G - FOR INFORMATION
H - RETURN TO _____
I - _____
J - DISPOSITION _____

DISPOSITION INSTRUCTIONS

(COMPLETED BY ACTION OR ROUTING OFFICER AS APPROPRIATE)

RECIPIENT MAY DESTROY (*Destruction Report required*)

RETURN TO HQ CLASSIFIED FILES FOR FURTHER ROUTING OR RETENTION AS APPROPRIATE

RETENTION PERIOD ESTABLISHED BY ROUTING OFFICER AS:

_____ MONTHS _____ INDEFINITE (*Historical Value*)_____ UNTIL SUPERSEDED _____ PERMANENTLY (*Record Material*)

_____ UNTIL OVERTAKEN BY EVENTS AS DETERMINED ON ANNUAL REVIEW

REQUEST ACTION OFFICER ADVISE RETENTION ABOVE:

SIGNATURE OF OFFICER ESTABLISHING DISPOSITION

SECTION

REMARKS (Entries to be signed and dated, for lengthy comments attach separate page and indicate "Bucklog Comment Attached." Do not assign separate Control Number to Bucklog Comments.)

RTG.	OPR. CODE	ADDRESSEES	DATE		INITIAL
			IN	OUT	
		COMMANDANT			
		ASSISTANT COMMANDANT			
		MILITARY SECY TO CMC	A		
		CHIEF OF STAFF			
		SECY OF GEN STAFF	AD		
		DC/S (P & F)	AT		
		ADC/S (PLANS) (JPG)	ATA		
		ADC/S (PROG)	ATB		
		DC/S (MANPOWER)	AK		
		PERSONNEL DEPT.	D		
		DC/S (AIR)	AA		
		DC/S (RD&S)	AX		
		G-1	AO1		
		G-2	AO2		
		G-3	AO3		
		G-4	AO4		
		COMM-ELEC	AO4C		
		SUPPLY DEPT. (QMG)	CH		
		AQMG (FAC & SERV)	CO		
		HISTORICAL	HD		
		ADMINISTRATIVE	AB		
		MCCC	AC		
		COUNSEL	AE		
		RESERVE	AF		
		INFORMATION	AG		
		CHAPLAIN, USMC	AH		
		JUDGE ADVOCATE	AI		
		MEDICAL OFF, USMC	AM		
		DENTAL OFF, USMC	AN		
		DATA SYSTEMS	AP		
		POLICY ANALYSIS	AQ		
		LEGISLATIVE	AR		
		FISCAL	AS		
		WOMEN MARINES	AW		
		SYSTEMS SUPPORT	AY		
		INSPECTOR GENERAL	AZ		
		JOINT CONTROL			
		CLASSIFIED FILES	ABQ		

RETURN TO ABQ
UPON COMPLETION OF ROUTING

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PART OF THE DOCUMENT TO WHICH IT IS
ATTACHED.

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EXERCISE GOLDEN DRAGON 73



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CTF 193

ANNEX L SCENARIO TO CONTROL ORDER

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO San Francisco 96602
231700I March 1973

Annex 1 (Scenario) to Exercise Control Order 1-73 (Exercise
GOLDEN DRAGON-73)

Ref: (a) 33d MAU Operation Order 1-73 (Exercise GOLDEN DRAGON-73)

Time Zone: I

1. PURPOSE

This Annex provides general guidance for development and control of the tactical situation ashore and furnishes specific events for insertion into the play of the exercise.

2. GENERAL

- a. Overall control of the tactical play of exercise is the responsibility of the Tactical Exercise Coordinator.
- b. The combined TEC Headquarters assists the Tactical Exercise Coordinator through exercising general control of the tactical play, inserting events into the play of the exercise and recording the Landing Force response to these and other events.

3. CONCEPT OF THE EXERCISE

- a. Appendix 1 (Concept of the Exercise) sets forth the following information:
 - (1) Aggressor doctrine and concept to resist Landing Force operations ashore.
 - (2) Phases and phase lines to aid in controlling the maneuver of the Landing Force. See Tab A (Phase-lines and Aggressor Maneuver) of Appendix 1.
 - (3) Projected actions of the Aggressor Force from D-20 through D+4 against U.S. Forces.
 - (4) Projected actions of the U.S. Landing Force from D-20 through D+4.

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- b. The 33d MAU concept of operations is set forth in paragraph 1.a of the basic order and Annex C (Concept of Operations) to reference (a).

4. EVENTS

a. General

The events listed in Appendixes 2 through 10 to this Annex provide specific situations to be inserted into the exercise play and also provide a vehicle for rapid transmission of exercise information within the TEC organization.

b. Event Organization and Identification

- (1) All events are grouped into nine major categories to facilitate selection, insertion and evaluation. These categories are:

- (a) Pre-D-Day Intelligence events.
- (b) Operations events.
- (c) Intelligence events.
- (d) Air Support events.
- (e) Fire Support events.
- (f) Tracked events.
- (g) Communication-Electronics events.
- (h) Personnel events.
- (i) Logistics events.

(2) Event Identification

- (a) Each event is identified by a two part number. The first number identifies the TEC section originating the event and the second is the sequential number.
- (b) Section identification numbers are assigned as follows:
 - 1-Personnel

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2-Intelligence
3-Operations
4-Logistics
10-Communication-Electronics
14-Air
18-LVT/Tanks (Tracked Events)
22-Fire Support

Examples:

Event 2-9; 9th event prepared by TEC S-2
Event 14-4; 4th event prepared by TEC Air Officer

c. Types of Events**(1) Special Events**

Preplanned, time sequenced events designed to obtain reaction of principal Landing Force elements and significant to the general play of the problem.

(2) Opportunity Events

- (a) Events introduced by TEC Headquarters or the individual umpire at an opportune time for an appropriate unit.
- (b) The purpose of these events is to provide realism to the exercise; permit flexible reaction to friendly force maneuvers; fill time lags; influence changes to Landing Force unit errors; delay unit movement; and to reverse unit actions.

(3) Routine Events

- (a) Events inserted at any time by TEC Headquarters or the individual umpire.
- (b) These events generally are divided into two types:

1-3
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1 Events which would occur in any operational situation, but are not directly related to a specific tactical situation or event, e.g., breakdown of equipment, resupply, logistics and personnel administrative matters.

2 Events which serve as brevity codes to transmit information to and from TEC Headquarters and umpires.

d. Event Insertion

- (1) Each event will be initiated by a TEC staff member or by an umpire. Umpires will insert events directly to Landing Force units while TEC Headquarters will insert events through an umpire. Opportunity and Routine events may be inserted at any time as the situation dictates. Umpires should recommend to TEC Headquarters the insertion of Special events when in their opinion the tactical situation warrants. Approval must be granted by TEC Headquarters for the insertion of Special events at other than pre-planned times. Once inserted, Special events may be used as Opportunity events as the situation dictates.
- (2) Events will not necessarily be introduced into the exercise in numerical sequence, although Special events should normally follow in order. In addition an event may be introduced more than one time.
- (3) When an event is inserted the umpire will enter the event number on the Event Report to identify the specific event. The actions of the unit and evaluation will also be entered on the Event Report as appropriate. Each umpire will file events entered by him in chronological order. The duplicate completed Event will be turned in to the Chief Umpire at the completion of the exercise. See Annex O (Reports).

5. ACTION

- a. Development of the tactical play of the exercise will be as presented herein. Only the events contained in this Annex will be inserted unless authorized by TEC Headquarters.

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- b. All TEC personnel who are issued a copy of this Annex will ensure that, prior to and during the exercise, its contents are discussed with TEC personnel only. This restriction is expressed in writing as "FOR TEC EYES ONLY". This restriction is cancelled on 9 April 1973.

BY COMMAND OF COLONEL YEO



L. E. JOHNSON

Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON

Lieutenant Colonel, ROK Marine Corps
Exercise Director

APPENDIXES:

- 1-Concept of the Exercise
- 2-Pre D-Day Scheduled Events
- 3-Operations Events
- 4-Intelligence Events
- 5-Air Support Events
- 6-Fire Support Events
- 7-Tracked Events
- 8-Communication-Electronics Events
- 9-Personnel Events
- 10-Logistics Events

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON-73)



L-5
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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO San Francisco 96602
231700I March 1973

Appendix 1 (Concept of the Exercise) to Annex L (Scenario)
to Exercise Control Order 1-73 (Exercise GOLDEN
DRAGON-73)

Ref: None

1. AGGRESSOR CONCEPT

- a. Aggressor 29th Division has the mission of defending the South central portion of the East coast of KOREA. The 37th Combined Arms Army has reinforced the 29th Division with the 162nd Medium Tank Regiment, elements of the 130th SSM Brigade, 47th SAM Brigade, and one (1) squadron of observation helicopters.
- b. The 53rd Regiment is responsible for the coastal area in which the AOA is located. The 29th Division has reinforced the 53rd with the 2nd Battalion 162nd Medium Tank Regiment, 2nd Battalion 130th SSM Brigade, 2nd Battalion 47th SAM Brigade, 2nd Battalion 64th Artillery Regiment and 2nd H-2 Section, 7th Helicopter Company.
 - (1) The 53rd Regiment is disposed with the 4th and 5th Battalions forward, overlooking the coast and the 6th Battalion is in reserve co-located with the Regimental headquarters at KYONGJU. The Tank Battalion, SSM Battalion, SAM Battalion and HELO section are all in general support of the regiment. The three (3) batteries of the artillery battalion have been attached, one each, to the three (3) infantry battalions of the regiment.
- c. The 4th Battalion has been assigned the mission of defending the coastal area which includes the AOA. The 4th Battalion has been directed to defend, at all costs, the ridgeline East of the KYONGJU-ULSAN MSR; the loss of which would sever the primary aggressor LOC along the East coast. Regiment has also informed the 4th Battalion that the defense of this ridge would be reinforced from Regiment if it appeared that this key terrain might be lost to friendly forces. Regiment has assumed the responsibility for defending the high speed avenue of approach from the SE into KYONGJU.

L-1-1
FOR TEC EYES ONLY

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- (1) To accomplish their mission the 4th Battalion has deployed two companies forward to defend the coast while retaining one company in reserve in the vicinity of the designated main defensive positions. Each of the two forward companies has placed their three platoons on line; each generally responsible for one beach in the defense sector. The reserve company has placed its platoons in assembly areas to the rear of the main defensive position.
- (2) In the event of an amphibious landing, the general concept calls for a delaying action by the two companies on the coast as they withdraw to the main defensive area on the ridge line to the East of the KYONGJU-ULSAN valley.

d. Delaying Action

- (1) If friendly forces execute a surface landing, the coastal companies will concentrate their platoons in prepared positions in the vicinity of the beach over which the friendly forces are conducting their landing.
- (2) The platoons will engage the friendly forces at long range to cause casualties and force them to conduct time consuming deployments. When threatened with decisive combat, the delaying forces execute a withdrawal to the next prepared position. The delaying companies have been reinforced by engineers who will execute previously prepared plans to carry out demolition missions, destroy bridges and block side routes. Delay positions have been prepared on all key terrain features along the route of withdrawal. Obstacles and ambushes covered by long range fire have been prepared along likely avenues of approach. Light supporting weapons have been deployed forward to cover the delay. Due to the nature of the terrain only those weapons which can be rapidly disengaged and can elude friendly air strikes have been deployed forward of the main defensive positions. Ambushes have been set up on avenues of approach in a horseshoe shape. They are dug in and well concealed with the open end toward the friendly forces.

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- (3) Supporting arms are positioned so that friendly forces are subjected to an increasing volume of fire as they approach the main defensive positions.
- (4) Since the high speed avenue of approach to KYONGJU in the Northern portion of the battalion's sector is primarily the responsibility of Regiment, the 4th Battalion has elected to delay using primarily obstacles and anti-tank weapons which can rapidly displace to the rear. Regiment has established a major blocking position on this route with anti-tank weapons and prepared infantry positions. If a threat develops along this axis, Regiment intends to reinforce the blocking position with infantry using 4th Battalion elements to delay until the block can be completely manned.
- (5) In the event friendly forces make a heliborne assault, the heliborne forces will be subjected to a high volume of artillery fire on a priority basis to disrupt their landing and organization. A counterattack will be made as soon as possible with forces available.

e. Defense

- (1) The 4th Battalion has constructed two lines of defense along the high ground overlooking the valley Southeast of KYONGJU and along route 7. The line has been prepared for two companies to be emplaced with two platoons in the first line and one in the second. Supplementary defensive positions have also been prepared. The anti-tank platoon will be dug in on the second line of defense. Recoilless guns are also dug in immediately behind the first line of defense. Anti-tank launchers are with the forward platoons.
- (2) Ambush positions covering the flanks and gaps in the first defensive line have been prepared; these will not open fire until the friendly force is at close range.
- (3) The battalion has an artillery battery attached with 6x122 howitzers.

L-1-3
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (4) Elements of the general support tank battalion will be committed to support the battalion if needed.
- (5) Immediately upon notification that a friendly landing is taking place, the reserve company has been directed to occupy the defensive positions.
- (6) Extensive minefields have been placed on likely avenues of approach. Anti-personnel minefields are located in front of the first defense line as well as between lines. Trench lines contain underground shelters with connecting tunnels which are dug into the bed rock. Supporting arms are not likely to damage these underground fortifications.
- (7) Conduct of the Defense
 - (a) No general firing will take place until friendly forces are about 400 meters from the first defensive line. Here the friendly forces will be brought under direct anti-tank and artillery fire.
 - (b) Tanks are considered the primary target, and the fires of all weapons that can damage or destroy tanks are directed at them.
 - (c) Defending platoons will not normally remain in place until overrun, but will withdraw to supplemental positions without orders.

f. Artillery Employment

- (1) One artillery Battery, F/2/64 with 122mm towed howitzers is in direct support of the 4th Battalion. It is deployed in three platoons under a centralized fire direction center.
- (2) Initial siting of the platoons is well forward in the defense, enabling accurate fires on the avenues of egress from the beach. The gun positions are well prepared and camouflaged, can be evacuated rapidly, and have a 6400 mil firing capability.

L-1-4
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (3) The platoons can be displaced on short notice, and require a minimum of time to set up.
- (4) The aggressor will utilize his artillery to:
 - (a) Defend his infantry positions with defensive fires.
 - (b) Delay friendly force advances by attacks by fire.
 - (c) Support local counterattacks.
 - (d) Cover withdrawals of aggressor troops.
- (5) The aggressor envisions fighting a series of delaying actions, with artillery and heavy mortars being the significant offensive weapons. Attacks by fire will be employed to delay friendly troops, cause casualties and gain time, while conserving the aggressor's manpower.
- (6) To counter friendly air superiority, each artillery platoon will be frequently displaced, as soon as possible after its location becomes compromised.
- (7) Additionally, one section of 120mm mortars from the 53rd Regiment is attached to the 4th Battalion. These mortars are utilized as light artillery with the same mission. Likewise, they are deployed as platoons and are rapidly displaced as necessary.
- (8) Priority of fires is as follows:
 - (a) Troops in contact
 - (b) Tanks, motorized convoys
 - (c) Artillery positions
 - (d) CP locations
 - (e) Supply dumps

g. Fire Planning

- (1) Fire plans have been developed for a series of prepared positions that can be occupied on short notice.

L-1-5
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (2) These plans provide for defense in depth and mutual support, along a North-South axis. The aggressor has the ability to mass the fires of his dispersed platoons.
- (3) All weapons are ready for wide and rapid maneuvering to confuse the friendly forces about deployment and fire plans.

h. Anti-Aircraft Artillery

- (1) BULTURO missiles have been deployed to provide low altitude protection for critical installations, troop assembly areas, lines of communication, logistical installations and artillery positions.
- (2) Priority for all anti-aircraft protection has been given to rear area installations.
- (3) 57mm guns are employed by battery or section. 57mm guns are 2,000 meters behind forward positions and approximately 40 meters apart.
- (4) Anti-aircraft machine guns are used in platoons or sections, 300-500 meters to the rear of protected elements. (A section consists of one gun)

- i. Air Support. Existing enemy air is capable of only conducting aerial reconnaissance of the AO. The aircraft's integral light machine guns permit limited reconnaissance by fire.

j. Counterattacks

- (1) Artillery preparation will commence 30 minutes to 1 hour prior to the assault depending on the size of the attack force.
- (2) Companies will attack on a 500-800 meter front and platoons on a 150-200 meter front.
- (3) When the attacking unit moves from the attack position to the final coordination line, supporting fires are increased on forward friendly positions.
- (4) The assault starts 200 meters from friendly positions. Tanks lead the attack through friendly positions ahead of the infantry whenever possible. Supporting arms move in a creeping barrage ahead of the attacking troops.

L-1-6
FOR TEC EYES ONLY

FOR TEC EYES ONLY2. PHASES OF THE EXERCISE

- a. The exercise has been divided into five phases; D-Day, D+1, D+2, D+3, and withdrawal on D+4.
- b. The phases of the operation are established for general maneuver control and are presented as phase lines to which participating forces will be permitted to advance during a specific phase. Modification of phase lines, if required by participating force maneuvers, will be provided by TEC Headquarters to all umpires.
- c. Tab A (Phaselines and Aggressor Maneuvers) depicts the phase lines which will be used for maneuver throughout the exercise. When aggressor maneuver is altered in response to friendly force action, umpires will be notified through intelligence scenario events.

3. ACTIONS OF AGGRESSOR FORCES DURING THE EXERCISE AGAINST U.S. FORCESa. D-20 to D-2

- (1) Indications on composition of 53rd Regiment and 4th Battalion and aggressor weapons and positions will be provided to participating forces.
- (2) Aggressor will continue to construct positions, place weapons and stockpile supplies and equipment in accordance with the aggressor concept.
- (3) Rehearsals will be conducted on delay, defense and counterattack plans. Weapons will be registered.

b. D-1

- (1) At 0530 on D-1, the Advance Force Operations will commence, to include designated aggressor target destruction and neutralization by naval gunfire, air operations and mine countermeasures.

L-1-7
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (2) These actions will bring aggressor to full alert. Defensive positions will be manned, weapons moved into prepared positions and supplies issued for defensive operations. Since the bulk of these attacks will occur in the 4th Battalion zone, the 53rd Regiment will alert their forces for a possible landing in this area. Regiment will prepare plans and move forces as required to reinforce the 4th Battalion either by fire support or units.
 - (3) The 4th Battalion will place their supporting weapons and the reserve company in the main defensive position. Company C (-) occupies defensive positions in the vicinity of Objective A and the remaining platoon occupies positions in the vicinity of Objective B. Since the exact location of friendly force landings has not been disclosed, coastal companies will move their platoons into prepared positions behind their beaches, but will not displace them. All units will be alerted to execute the aggressor concept of defense on order.
 - (4) The effects of Advance Force Operations will be assessed and aggressor capabilities reduced accordingly. Friendly force aircraft may also suffer losses, depending upon when and where air strikes are conducted.
- c. D-DAY. The following scenario excludes enemy actions in the ROKMC AO which is to be written by the ROKMC:

(1) L-HOUR (TBA)

Two 122mm howitzer attacks by fire are executed on LZ HAWK, after 50% of assault company has been landed. One attack is to come from the West, the other from the North-East.

(2) H-HOUR (0800)

- (a) Company C offers moderate resistance with organic weapons supported by mortar/artillery fire. Company C withdraws from LF Objective A when attacking force occupies assault positions-1st platoon moves to LF Objective D and the 2nd platoon moves to BLT Objective 5.

L-1-8
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (b) Company B engages amphibious landing force with long range automatic weapons/ small arms fire, and mortar fire. When assault forces commence administrative move inland, Company B withdraws to BLT Objective 3.
- (c) When attacked on BLT Objective 3, Company B withdraws to BLT Objective 4. This withdrawal will be supported by 122mm howitzers and mortars/recoilless rifles.

(3) H+14 (2200). TONDRO SSM IMPACTS center of minefield coordinated EQ 409530.

d. D+1

- (1) 2nd platoon, C Company defends BLT Objective 5 supported by 122mm howitzers and medium and heavy mortars and then withdraws to BLT Objective 8.
- (2) Upon occupation of BLT Objective 8 by 2nd platoon C Company the 2x122mm howitzers there disposed will displace to positions north of Route#7 coordinates EQ 373622.
- (3) Company B offers light resistance with organic weapons at BLT Objective 4, then withdraws to LZ SWAN, LF Objective F.
- (4) 2nd platoon C Company executes squad sized ambush on patrol attempting link-up between LF Objective A and BLT Objective 5.

e. D+2

- (1) 0200 Hours 1st platoon C Company probes friendly lines on LF Objective A employing organic weapons only.
- (2) Company B offers light resistance on LZ SWAN, LF Objective F, withdraws to BLT Objective 6. Withdrawal is supported with 122mm howitzer fire on LZ SWAN, LF Objective F, when evacuated.
- (3) 1st platoon C Company engages friendly force on LZ LARK, LF Objective D, with mortar fire from trenches north-west of LZ LARK then withdraws to BLT Objective 6.

L-1-9
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (4) 2nd platoon C Company is over-run on BLT Objective 8. No aggressors escape.

f. D+3

- (1) Company B and 1st platoon C Company combine to offer heavy resistance on BLT Objective 6. Defense is supported by heavy mortars and 122mm howitzers. Company B and 1st platoon C Company withdraws northwest along Route #4.
- (2) Company B and 1st platoon C Company join-up with Tank Company and execute counter-attack on BLT Objective 6.

g. D+4 (Withdrawal Day)

Aggressor tank/infantry force maintains pressure on Landing Force withdrawing along Route #4-981. Aggressor also continues long-range artillery fire.

4. ACTIONS OF THE FRIENDLY FORCES DURING THE EXERCISEa. D-65 to D-2.

- (1) Friendly forces continue reconnaissance of the AOA.

b. D-2

- (1) USN/ROKN personnel conduct reconnaissance of assault beaches RED ONE and RED TWO.

c. D-1

- (1) Advance Force Operations commence at 0530 on D-1, to include designated aggressor target destruction and neutralization by NGF, air operations and mine countermeasures.

d. D-DAY

- (1) _____ Companies land abreast over BEACH #2.
- (2) _____ Company, on the right, attacks inland to seize BLT Objective 3.
- (3) _____ Company, on the left, attacks inland to seize BLT Objective 1 and 2.

L-1-10
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (4) ___ Company, lands over RED BEACH #2 after initial 2 companies land, on order moves inland to LZ HAWK via helicopter assault or motorized-mechanized column, and seizes LF Objective A.
- (5) Battery lands on order by surface landing over RED BEACH #2 and takes firing position as directed.
- (6) Reserve Company lands on order by surface landing over RED BEACH #2 and takes position vicinity coordinates 435525.

- e. D+1

- (1) ___ Company at vicinity 435525 on order relieved as the MAU/BLT reserve. At 0500 ___ Company seizes BLT Objective 4, supported by a light section of tanks. Priority of NGF and artillery fires to this attack.
- (2) ___ Company on BLT Objective 1 and 2, at 0600, attacks to seize BLT Objective 5, reinforced by a heavy section of tanks. Upon seizure of objective 5 effects a linkup with ___ Company on LF Objective A vic 358530 by a platoon sized patrol. Priority of supporting fires to this attack.
- (3) ___ Company remains in place on LF Objective A, and links-up with ___ Company on Objective 5. Patrol activity is conducted to the west.
- (4) Battery, at 1300, displaces by helicopter to vic 378520.
- (5) ___ Company reverts to MAU/BLT reserve in vic 422520, on order, and after the seizure of BLT Objective 4 by ___ Company.
- (6) Recon units conduct detailed road reconnaissance on all approaches into AOA from the north and west.

f. D+2

- (1) ___ Company on BLT Objective 4 conducts approach march commencing at 0300 to 423563, seizes LF Objective F, 418573, at first light. Priority of NGF and artillery in support of the attack on LF Objective F.

L-1-11
FOR TEC EYES ONLY

FOR TEC EYES ONLY

- (2) ___ Company on LF Objective A attacks north at about 0700 to seize LF Objective D on Hill 595, vic 346563, supported by NGF, and artillery.
- (3) ___ Company passes through BLT Objective 5 at 1200 seizes BLT Objective 8, and orients the defense of Objective 8 to the north. Priority of supporting fires to the attack on BLT Objective 8.
- (4) ___ Battery displaces, on order, by organic means, to the vicinity of 4155.
- (5) ___ Company reverts to BLT reserve, on order.

g. D+3

- (1) ___ Company in reserve relieved of reserve mission and executes, at first light, a mechanized motor march via LF Objective F to seize BLT Objective 6. Reinforced with the tank platoon, ___ Company establishes an anti-mechanized defense, due to intelligence reporting a mechanized threat along Highway 4. Priority of supporting arms to the attack on BLT Objective 6.
- (2) Companies on Objective 8 and LF Objective F remain in place, establish separate anti-mechanized defenses. Company on Objective 8 reverts to MAU/BLT reserve, on order.
- (3) Company on LF Objective D attacks, on order, to seize BLT Objective 7. Minimum supporting arms will be utilized.
- (4) Anti-mechanized fire plans for all supporting arms will be developed.

h. D+4 TACTICAL WITHDRAWAL DAY

- (1) ___ Company on Objective 6 withdraws to LZ SWAN for helilift, on order.
- (2) ___ Company on Objective 8 moves by motor march to vic 425516, and establishes a blocking position, embarks on order.
- (3) ___ Company at LF Objective F moves via LVT and trucks to RED BEACH TWO, embarks on order.
- (4) ___ Company on Objective 7 withdraws to LZ LARK for helilift.

L-1-12
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- (5) _____ Battery moves at first light to RED BEACH TWO, supports withdrawal of companies, embarks on order.
- (6) NGF covers withdrawal by fire.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

TABS:

A: Phaselines and Aggressor Maneuvers Overlay

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON-73)

L-1-13
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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO San Francisco 96602
231700I March 1973

Appendix 2 (Pre-D-Day Intelligence Events) to Annex L (Scenario)
to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-
73)

Ref: (a) FM 30-102 (Handbook on Aggressor Military Forces)
(b) FM 30-103 (Aggressor Order of Battle Book)

1. PURPOSE. To establish controlled events for development of the Intelligence Estimate on a continuing basis, and to provide the Amphibious Task Force (ATF) that information necessary upon which to construct a basically sound operational landing plan.
2. GENERAL. The TEC Intelligence Section will promulgate messages from which formulated a specific event/situation may be developed. These messages will be formulated and released in response to specific intelligence collection requests. Intelligence not requested will not be disseminated.
3. OBJECTIVES
 - a. D-20 to D-Day
 - (1) Position aggressor forces so as to pose a reasonable threat to the ATF in the attempt to accomplish its mission.
 - (2) Provide a reinforcing threat that has a capability to counter the Landing Force.
 - (3) Provide an armor threat to the Landing Force.
 - (4) Provide aggressor air with an observation capability only.
 - (5) Provide the Landing Force with a continuous flow of intelligence information reflecting the developing enemy situation until D-Day.
4. ACCOMPLISHMENT OF OBJECTIVES
 - a. Objectives 1 through 4 will be accomplished by:

L-2-1
FOR TEC EYES ONLY

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- (1) Selection of aggressor forces from references (a) and (b) and modifying those forces to comply with the training objectives.
- b. Objective 5 will be accomplished in the following areas:
- (1) The Landing Force target list does not reveal all the aggressor's prepared positions. An input will be provided to correct this deficiency.
 - (2) Indications as to composition of aggressor force in AOA as well as reinforcements available.
 - (3) The aggressors concept of defense as revealed through reports on his movements and unit exercises in the AOA.
 - (4) The aggressor's capability to introduce armor into the AOA. However, the questions, when?, where?, and in what numbers?, will be left unanswered through D-Day. This message traffic will be in accordance with Annex H (Communication-Electronics).

BY COMMAND OF COLONEL YEO

KIM PYO JOON

Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON

Major, U. S. Marine Corps
Exercise Director

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON-73)

L-2-2
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Tactical Exercise Control (TG 193.7)
 33rd Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO, San Francisco 96602
 231700I March 1973

Appendix 3 (Operations Events) to Annex L (Scenario) to Exercise
 Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

Ref: None

<u>PERIOD</u>	<u>EVENT No.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
D-Day				
	3-1	(S)	BLT	Aggressor defending Objective A.
	3-2	(S)	BLT	Aggressor withdrawing from Objective A.
	3-3	(S)	BLT	Aggressor engaging amphibious landing force by fire.
	3-4	(S)	BLT	Aggressor firing on amphibious landing force is withdrawing.
	3-5	(S)	BLT	Aggressor defending Objective 3.
	3-6	(S)	BLT	Aggressor withdrawing from Objective 3.
D + 1				
	3-7	(S)	BLT	Aggressor defending Objective 5.
	3-8	(S)	BLT	Aggressor withdrawing from Objective 5.
	3-9	(S)	BLT	Aggressor defending Objective 4.
	3-10	(S)	BLT	Aggressor withdrawing from Objective 4.
	3-11	(S)	BLT	Aggressor executes horseshoe type squad sized ambush on patrol attempting to link up between Objective A and Objective 5.
	3-12	(S)	BLT	Aggressor withdrawing from ambush site.

L-3-1
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D + 2

3-13	(S)	BLT	Aggressor executes probe of friendly lines on Objective A (at 0200).
3-14	(S)	BLT	Aggressor withdraws from probe of Objective A.
3-15	(S)	BLT	Aggressor defending LZ SWAN, Objective F.
3-16	(S)	BLT	Aggressor withdrawing from LZ SWAN, Objective F.
3-17	(S)	BLT	Aggressor places indirect fire on LZ LARK, Objective D.
3-18	(S)	BLT	Aggressor withdrawing from firing positions.
3-19	(S)	BLT	Aggressor defending Objective 8.
3-20	(S)	BLT	Aggressors on Objective 8 overrun, no aggressors escape.

D + 3

3-21	(S)	BLT	Aggressor defending Objective 6.
3-22	(S)	BLT	Aggressor withdrawing from Objective 6.
3-23	(S)	BLT	Aggressor counterattacking Objective 6.
3-24	(S)	BLT	Aggressor withdrawing from Objective 6.

D + 4

3-25	(S)	BLT	Aggressor attacking by fire during the landing forces withdrawal.
3-26	(O)		(1) <u>(Unit, Patrol, Outpost, Helicopter, Etc.,)</u> at coords (2) <u>receiving</u> (3) <u>(Light, Medium, Heavy)</u> volume of (4) <u>(Artillery, Mortar, small arms, automatic weapons, Etc.,)</u> fire from vicinity coords (5) <u>(Or unknown position)</u> from (6) <u>(Concealed positions, well prepared positions, fortified positions).</u>

L-3-2

FOR TEC EYES ONLY

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FOR TEC EYES ONLY

- 3-27 (0) Engineers attempting to clear beach obstacles. Encounter SA, Automatic Weapons, 82mm rocket fire from prepared positions at (1) KIA, (2) WIA, (3) Equip Dam.
- 3-28 (0) Landing at RED-2 underway. Under (1) (Light, Med, Heavy) SA and heavy weapons fire from prepared positions. Taking casualties. (2) KIA (3) WIA (4) (Equipment Damaged).
- 3-29 (0) Encountering light resistance from sporadic sniper fire, coming from (1) .
- 3-30 (0) (1) under attack by (2) size force. Receiving heavy SA, AW and 82mm rocket launcher fire, from (3) .
- 3-31 (0) (1) patrol at (2) detected by aggressor and taking MG and SA fire from vic (3) friendly (4) KIA (5) WIA (6) Equipment Damaged.
- 3-32 (0) (1) receiving heavy defensive fire from approximate (2) size unit vic (3) .
- 3-33 (0) (1) Recon Team location detected by aggressors. They are receiving (2) fire from vic of (3) . Friendly KIA (4) and WIA (5) (6) Equipment Damaged.
- 3-34 (0) (1) ambushed by (2) vic (3) . Friendly (4) KIA, (5) WIA. (6) Equipment Damaged/Lost Aggressor (7) KIA (8) WIA (9) Equipment captured.
- 3-35 (0) Heavy aggressor mortar and artillery fire being received all along forward part of FEBA on Objective (1) .
- 3-36 (0) Aggressor cutting wire and breaching mine fields in front of (1) .
- 3-37 (0) Aggressor fire from direction of (1) intensifying.

L-3-3

FOR TEC EYES ONLY

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- 3-38 (0) Aggressor infantry through wire in front of (1) _____.
- 3-39 (0) Line of aggressor infantry supported by direct fire weapons assaulting (1) _____.
- 3-40 (0) Aggressor penetrated FEBA at (1) _____ to a depth of (2) _____.
- 3-41 (0) (1) _____ position overrun.
- 3-42 (0) Aggressor infantry in rear of (2) _____.
- 3-43 (0) Aggressor attack on (1) _____ repelled by fire. Aggressor digging in on outside of wire.
- 3-44 (0) Aggressor infantry attacking (1) _____ with tanks leading. Apparently Battalion (Rein) supported by SP guns.
- 3-45 (0) Aggressor breaking contact. Withdrawing in (1) _____ direction.
- 3-46 (0) (1) Unit or Activity at coord (2) _____ sights (3) Enemy Unit or Activity at coord (4) _____ (5) Describe what enemy is doing.
- 3-47 (0) Pilot reports ground troops located vic (1) _____ in prepared positions.
- 3-48 (0) (1) _____ at (2) _____ sights roadblock at (3) _____. Appears to be log barricade and wire entanglement.
- 3-49 (0) (1) _____ at (2) _____ sights Roadblocks at (3) _____.
- 3-50 (0) (1) _____ element sights prepared fighting positions vic (2) _____.
- 3-51 (0) (1) _____ sights (2) _____.
- 3-52 (0) Aggressor on left flank falling back, at (1) _____.

L-3-4

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- 3-53 (0) Aggressor on right flank falling back at (1) _____.
- 3-54 (0) Fortifications located (1) _____. Recently vacated.
- 3-55 (0) Aggressor broke contact. Withdrew in (1) _____ direction.
- 3-56 (0) Front line elements lost contact with aggressor at coords (1) _____.
- 3-57 (0) (1) _____ hearing troop activity vic (2) _____.
- 3-58 (0) (1) _____ listening posts heard movement of (2) _____ from (3) _____ to (4) _____ vic of (5) _____.
- 3-59 (0) (1) _____ reports booby traps at (2) _____.
- 3-60 (0) (1) _____ section of road at (2) _____ destroyed by demolitions.
- 3-61 (0) (1) (unit) at (2) _____ found Booby trapped anti-helo stakes.
- 3-62 (0) Abandoned (1) _____ found at (2) _____.
- 3-63 (0) Aggressor (1) (size of unit) dug in at coords (2) _____.
- 3-64 (0) BLT (1) _____ commences move from (2) _____ to (3) _____.
- 3-65 (0) (1) _____ stopped by fire and wire at (2) _____.
- 3-66 (0) Aggressor vic (1) _____ offered light resistance then broke contact.
- 3-67 (0) Combat patrol destroyed (1) _____ (2) _____ aggressors KIA. (3) _____ aggressors WIA. (4) _____ equipment captured.
- 3-68 (0) (1) _____ advanced to abandoned aggressor position at (2) _____. Boobytraps encountered. (3) _____ KIA, (4) _____ WIA. (5) _____ Equipment damaged.

L-3-5
FOR TEC EYES ONLY

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3-69 (0) Aggressors on Objective (1) _____ over-
run, (2) _____ aggressors KIA, (3) _____
captured and (4) _____ equipment cap-
tured. Scattered elements seen flee-
ing (5) _____ direction in small groups.

3-70 (0) Objective (1) _____ secured at (2) _____
Aggressor broke contact and withdrew
to (3) _____ before friendly units
could decisively engage.

3-71 (0) Objective (1) _____ secured at (2) _____.
Unopposed except for scattered sniper
fire.

3-72 (0) (1) (Obj, LZ, Etc.,) secured by (2)
(unit) _____ at (3) (time) _____.

3-73 (0) (1) (Who, Billet) KIA. (2) _____ in com-
mand or in charge.

3-74 (0) (1) _____ CO/XO KIA. (2) _____ in command.

3-75 (0) (1) _____ individual weapons, (2) _____
rocket launcher and (3) _____ LMG cap-
tured.

3-76 (0) (1) _____ gun disabled by (2) _____
fire.

3-77 (0) Aggressor on Objective (1) _____ with-
drew (2) _____ direction bearing (3)
_____ KIA, (4) _____ WIA and (5) _____
equipment.

3-78 (0) (1) (Friendly unit) retakes Objective
(2) _____. Friendly (3) _____ KIA, (4)
_____ WIA. Aggressor (5) _____ KIA,
captured (6) _____ and (7) _____ equipment.

3-79 (0) Co(1) _____ listening posts report
engine noise of more than one tank
in vic (2) _____.

3-80 (0) All units report tracked vehicle noise
to the front.

3-81 (0) OPs report considerable vehicle noise
to front along Route (1) _____.

3-82 (0) Co (1) _____ listening posts report
tracked vehicle noise getting closer.

L-3-6
FOR TEC EYES ONLY

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3-83 (0) (1) _____ Company receiving direct fire from what appears to be (2) _____ tanks at approximately (3) _____. Infantry platoon silhouetted by muzzle blasts.

3-84 (0) Listening Post (1) _____ company reports engine noises from approximately (2) _____ tanks at approximately (3) _____ moving in (4) _____ direction along road.

3-85 (0) (1) _____ company receiving direct fire from (2) _____ tanks at approximately (3) _____. (4) _____ sized force judged to be with tanks.

3-86 (0) (1) _____ company reports (2) _____ receiving heavy volume of direct fire from weapons which appears to be of larger caliber than tank gun.

3-87 (0) Aggressor tanks attacking (1) _____.

3-88 (0) Aggressor tanks overrun (1) _____ position. (2) _____ tanks destroyed. Friendly KIA (3) _____ and WIA (4) _____. (5) _____ Equipment Damaged (6) Equipment lost.

3-89 (0) (1) _____ mechanized vehicle heard approx (2) _____ meters away moving in a (3) _____ direction.

3-90 (0) Helicopter received (Light, Medium, Heavy) AW fire from vicinity (1) _____. (2) _____ helicopter(s) lost. (3) _____ KIA, (4) _____ WIA.

3-91 (0) Helicopter lost due to helicopter obstacles in (1) _____. (2) _____ KIA, (3) _____ WIA.

3-92 (0) (1) _____ helo down vic (2) _____.

3-93 (0) (1) (unit) clearing fortifications at coord (2) _____.

3-94 (0) Bridge blown at (1) _____. Bypass is (2) (Impossible/Difficult/Easy). Repair time is estimated to be (3) _____. Bypass is (4) (East)(West)(North)(South) via (5) _____. Time required to bypass is (6) _____.

L-3-7
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3-95 (0) Lost radio contact with (1) (unit or element) at (2) (time).

3-96 (0) (1) Recon Team has lost radio contact at (2) (time) at coords (3) _____.

3-97 (0) (1) _____ element vic (2) _____, found. (3) (number) civilian bodies. Appear to have been killed by arty, LZ prep fire, assault fire, ect,.

3-98 (0) Dam at (1) _____ blown up. Area at (2) (coord) flooded.

3-99 (0) (1) (Unit) sighted possible minefield at coord. (2) _____.

3-100 (0) Enemy minefield located at coords. (1) _____.

3-101 (0) Enemy minefield at (1) _____ contains (2) _____ type mines.

3-102 (0) Enemy minefield at (1) _____ is being cleared. Expect to take (2) _____ hours.

3-103 (0) Enemy minefield at (1) _____ has been cleared.

3-104 (0) (1) _____ is moving through cleared minefield at (2) _____.

3-105 (0) (1) _____ is bypassing minefield at (2) _____ via (3) _____ movement at coord. (4) _____.

3-106 (0) Enemy (1) _____ mine explodes at (2) _____ casualties KIA (3) _____ WIA (4) _____ equipment damaged (5) _____.

3-107 (0) (1) _____ detonated mine at (2) _____.

3-108 (0) (1) (unit) receiving incoming 82mm mortar rounds. (2) (number) rounds received (3) _____ minutes apart. (4) _____ KIA (5) _____ WIA (6) _____ Equipment damaged.

L-3-8
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- 3-109- (0) (1) _____ ambushed at coords (2) _____.
 Friendly (3) _____ KIA (4) _____ WIA (5) _____
 _____ equipment lost (6) _____ equipment
 damaged.
- 3-110 (0) Aggressor force platoon locations are
 as follows: (1) A-1 coords _____
 (2) A-2 " _____
 (3) A-3 " _____
 (4) B-1 " _____
 (5) B-2 " _____
 (6) B-3 " _____
 (7) C-1 " _____
 (8) C-2 " _____
 (9) C-3 " _____
- 3-111 (0) Aggressor (1) _____ command post located
 coord (2) _____.
- 3-112 (0) (1) (number) aggressor (2) (RIPSNORTER)
 located at coord (3) _____.
 57mm AT SP
 85mm AT SP
 82mm Recoil
 Gun
 82mm Mortar
 120mm Mortar
 14.5mm AD
 QUAD SP
 14.5MM AD
 DUAL SR
 122mm How
 MedTanks
 (Intera)
 152mm SP Gun
 57mm AD DUAL
 SP
 57mm AD TOW-
 ED
 SSM (TONDRO)
 SAM (BULTURO)
 H-2 HELO
- 3-113 (0) Friendly (1) (equipment, weapon, etc.,)
 located coord (2) _____.
- 3-114 (0) Friendly (1) (equipment, weapon, etc.,)
 destroyed by aggressor (2) (weapon,
 action, etc.,) at (3) (time) at (4) _____
 (Coord).

L-3-9
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3-115

(0)

(1) _____ located at coord (2) _____.

BY COMMAND OF COLONEL YEO



KIM PYO JOON	L. E. JOHNSON
Lieutenant Colonel, ROK Marine Corps	Major, U. S. Marine Corps
Exercise Director	Exercise Director

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)

L-3-10
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Tactical Exercise Control (TG 193.7)
33rd Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO, San Francisco 96602
231700I March 1973

Appendix 4 (Intelligence Events) to Annex L (Scenario) to Exercise
Control Order 1-73 (Exercise GOLDEN DRAGON-73)

Ref: None

EVENT NO.	TYPE	SUBMITTED TO	EVENT
D-Day 2-1	(S)		Agent reports aggressor activity vicinity EQ3652. Also observed fresh track activity EQ361531.
2-2	(S)	BLT	Untested source reports that fords are being constructed and improved between EQ315225 and EQ334530.
2-3	(S)	Co/Obj A	Upon capture of Obj. A. Enemy KIA 1st Plt. 3 KIA (maximum) 2nd Plt. 7 KIA (maximum)
2-4	(S)	Co/Obj A	Letter found on KIA at coord. EQ306502 is addressed to: Senior Soldier PORRO, P.O. 1737421 2d Plt, C Company, 4th Bn, 53rd Regt. Letter itself contained no military or useful intelligence information.
2-5	(S)	Co/Obj A	Aggressor forces on objective "A". One estimated plt. size element withdrawing to the east; another plt. size element withdrawing to the northwest.
2-6	(S)	BLT	POW captured on the beach stated he was attached to the 4th Plt. B Co., 4th Bn., his parent unit is 1st Plt, A Co., 63rd Amphib Bn. which was responsible for constructing mine fields. One mine field was located in the vicinity of coords. EQ410530 and consisted of two unknown types of mines; an estimated over 300 were implaced. The second mine field was located vicinity EQ406505. Only one type of mine was used and safety was not stressed as on the other field.

L-4-1

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<u>EVENT NO.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
2-7	(S)	Co/Obj 1	Aggressor casualties for Obj.1 are (3) aggressors KIA. (maximum)
2-8	(S)	Co/Obj 1	Reports aggressor forces withdrawing to the northwest from Obj. 1.
2-9	(S)	AVN	AO observes estimated 25 aggressors moving along trail vicinity EQ402527 in northeast direction. AO unable to engage target due to station time.
2-10	(S)	AVN	AO reports fresh trail activity from EQ331542 to EQ335550 and fresh track activity at EQ387565.
2-11	(S)	AVN	AO reports fresh foxholes and camouflaged probable recoilless gun position at EQ423533.
2-12	(S)	Sq Ldr./ Obj A	"You just found an official looking paper along the trail at EQ304512 while on patrol". The document states: "Morning Report 1st Plt., C Co., 4th Bn., 53rd Regt 1 April 1973 51 men present 1 man on leave"
2-13	(S)	Umpire	Enemy casualties on Obj. 3 Max 6 KIA 1 POW pass event 2-14 to Co. CO
2-14	(S)	Co/Obj 3	Your initial interrogation of POW. POW captured at EQ423533 stated his name is Capt. Claude HERMITEKLI, Cmdr. Co B, 4th Bn., 53rd Regt. DOB 16 April 1950. The mission of his unit was to defend this area (Obj.3). However his company is under strength. He was supposed to withdraw slowly to the vicinity of EQ4157.

L-4-2

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<u>EVENT NO.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
D+1	2-15 (S)	Co/Obj 3	Recon reports aggressor appears to be digging in vicinity EQ402545. Also observed HMG position vicinity EQ3956. Team extracted at 0050.
	2-16 (S)	Co/Obj 4	Obj. 4 captured, 3 aggressors killed (maximum).
	2-17 (S)	NCO/Co/Obj 4	"You just found a map packet at coordinates EQ402546. Inside was a map which had a symbol B <input checked="" type="checkbox"/> 53 drawn in at coordinates EQ413582.
	2-18 (S)	BN	AO observed fresh digging and trail activity at coordinates EQ373525. New foxholes and 2 unoccupied weapons positions at coordinates EQ375544.
	2-19 (S)	Co/Obj 5	Aggressor body found at coordinates EQ372540 had on it a map with the following: <ul style="list-style-type: none"> • EQ372545 • EQ385551 > EQ365557 ◻ EQ374548
	2-20 (S)	Co/Obj 5	Obj. 5 captured, 5 aggressor KIA (maximum)
D+2	2-21 (S)	BN	AO reports aggressor activity vicinity EQ3557. Shallow foxholes, prone defense positions. Estimate platoon size unit. AO drew small arms fire and AW fire from vicinity of EQ3557 and about 50 rds of 14.5 from vicinity of EQ3458.
	2-22 (S)	BN	Agent reports groups of 4 & 5 aggressors moving north along road vicinity EQ415570. Aggressors appeared to be very tired. Some were dragging their weapons, uniforms were torn and many men did not have complete uniforms.
	2-23 (S)	Co/Obj 8	Upon capture of Obj. 8 all but one defender are killed (38 KIA), 1 POW.

L-4-3
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<u>EVENT NO.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
2-24 (S)		BN/Co/ Obj 8	Interrogation of the POW captured by Co. vicinity of EQ374554 during initial interrogation disclosed the following: Senior Soldier PROTODYAKONOV, stated that he was the messenger for the platoon leader of the 2nd platoon, "C" Company, 4th Bn. of the 53rd Regt. He also stated that when over run and captured, his platoon was in the process of withdrawing north to Hill #242 where they were to join other units of the 4th Bn. and defend. They were expecting to be reinforced from KYONGJU to arrive around noon 7 April 1973. This POW stated he did not know how large the reinforcing force was but from the messages he had seen he believed it to be very strong. They were then to counter attack on 8 April and drive the invading force into the sea.
2-25 (S)		BN	Agent reports from KYONGJU that at 0800 6 April a recall was issued for all members of the 2nd Tank Bn., 162 Tank Regt.
2-26 (S)		BN	Agent reports that at 0630 6 April one of his contacts sighted 5 large self propelled guns heading south at coordinates EQ7172.
2-27 (S)		BN	AO reports 10 med. tanks, 5 probable SP guns and 2 unidentified tracked vehicles moving east on road at coordinates EQ 213655. Aggressor engaged by friendly air resulting in 1 Med tank destroyed, 1 SP gun damaged and 1 unidentified tracked vehicle damaged. Tanks and SP guns dispersed. AO forced to disengage due to heavy fog and low ceiling.
2-28 (S)		Co/Obj 6	Upon capture of Objective 6. 12 aggressor KIA. Aggressor forces fleeing west.
2-29 (O)			FO (1) Co. observers 3 persons with weapons among 10 apparent civilians at coordinates (2) _____.

L-4-4
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<u>EVENT NO.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
2-30	(0)		FO (1) Co. observes 3 aggressors carrying stretcher at coords. (2).
2-31	(0)		Line crosser states aggressor is planning a trap at coords. (1). Observed 6 aggressors with two LMG.
2-32	(0)		Line crosser states he knows where there is a large cache of demolitions and will lead a patrol if he is given money.
2-33	(0)		Civilian from (1) village coords. (2) stated there is a cave at coords. (3) being used as a hospital.
2-34	(0)		AO reports muzzle flash and puff of smoke from mouth of cave at coords. (1).
2-35	(0)		Recon team located at coords. (1) reports heavy movement 50m (2) of their position.
2-36	(0)		Recon team received (1) rounds, 1 minor WIA.
2-37	(0)		Recon team located at coords. (1) reports it is in contact with estimated Plt. size unit.
2-38	(0)		Agent reports civilians being recruited in (1) village at coords. (2).
2-39	(0)		Woodcutter reports aggressor OP at coords. (1).
2-40	(0)		Woodcutter reports he was stopped and questioned at coords. (1). Aggressors told him the area was restricted and to leave immediately.
2-41	(0)		Woodcutter observed (1) aggressors, one with a small radio moving (2) at coords. (3). Aggressor wore new uniforms. One man wore was on the left side of his tunic and was addressed as Kapitano.
2-42	(0)		Woodcutter observed four TAT-2's camouflaged at coords. (1).

L-4-5
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<u>EVENT! NO.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
2-43	(0)		Civilian reports aggressor using a large cave at coords. (1) for vehicle repair.
2-44	(0)		Civilian stated the pay officer of the 4th Bn., 53rd Regt. stayed at his home at coords. (1) the night of (2) 73.
2-45	(0)		In response to your Photo/Imagery request number (1) the following information is furnished (2).
2-46	(0)		A0 observed about (1) aggressors moving (2) on (trail) (road) at coords. (3).
2-47	(0)		A0 reports receiving (light) (moderate) (heavy) small arms fire from vicinity coords. (1).
2-48	(0)		Recon patrol at coords (1) reports sighting (2) (enemy troops) (trucks) (artillery pieces) (3) at coords. (4) (moving (5)).
2-49	(0)		A0 reports sighting (1) (enemy troops) (trucks) (artillery pieces) at coords. (2), (moving (3)).
2-50	(0)		(A0) (Recon patrol) reports that there is a (damaged) (destroyed) (1) (Bridge) (vehicle) at coords. (2).
2-51	(0)		Sensor at coords. (1) detected (2) vehicle movement.
2-52	(0)		Sensors at coords. (1) to (2) detected (3) vehicle(s) moving (4) (cross-country) (along road) speed approx. (5) mph.
2-53	(0)		Sensor at coords. (1) detected (2) tracked vehicle(s) movement.
2-54	(0)		Sensor at coords. (1) to (2) detected (3) tracked vehicle(s) moving (4) (cross country) (along road) speed approx. (5) mph.

L-4-6

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<u>EVENT NO.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
2-55	(0)		Sensor at coords. (1) detected (2) people moving through area.
2-56	(0)		Sensors at coords. (1) to (2) detected (3) people moving from (4) to (5) through area.
2-57	(0)		Your unit (1) just killed (2) aggressors at coords. (3).
2-58	(0)		Your unit (1) just captured (2) aggressors at coords. (3).
2-59	(0)		Your unit (1) just destroyed (2) at coords. (3).
2-60	(0)		(1) at coords (2) was destroyed at (3) by (4).

BY COMMAND OF COLONEL YED

[Signature]

L. E. JOHNSON

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

Major, U. S. Marine Corps
Exercise Director

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order
1-73 (Exercise GOLDEN DRAGON-73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO, San Francisco 96602
231700I March 1973

Appendix 5 (Air Support Events) to Annex L (Scenario) to Exercise Control
Order 1-73 (Exercise GOLDEN DRAGON - 73)

<u>PERIOD</u>	<u>EVENT No.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
D-Day L-Hour				
	14-1	(O)	DASC	Helos lifting troops into LZ HAWK are receiving (1)_____ (Light, Medium, Heavy) AA Fire from aprox coord 368530. (2)_____ equipment damage. (Use if ADMG still in area).
	14-2	(O)	DASC	One helo damaged by helo obstacle in LZ HAWK. Damage is (1)_____ (2)_____ WIA. Remainder of helos must use secondary LZ (Use if anti-aircraft obstacle not destroyed prior to landing).
	14-3	(O)	DASC	Helos lifting troops into LZ (1)_____ reports AA Fire from aprox grid square 3751. Presently out of range. (Use if ADMG still present at 372527).
	14-4	(O)	DASC	A/C on CAS over Objective A sights two aggressor light observation helos on ground near coord (1)_____. No ordnance or time on station left. (Coordinate with S-2 if used).
D + 1 0500-1200				
	14-5	(O)	Co	Aggressor OP sighted on Hill 533 grid square 3150 (Use during counter battery arty fire to grid square 2950).
D + 2 0500-1200				
	14-6	(O)	DASC	(1)_____ A/C attack 2 aggressor cargo trucks coord 270538. One burned with intense white flames.
	14-7	(O)	DASC	Request Emergency MedEvac from LZ HAWK. (Use during arty fire on grid square 3256).

L-5-1
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D + 3

14-8	(O)	DASC	CAS mission no. (1) _____ reports he is unable to establish friendly front lines or radio contact with FAC.
14-9	(O)	DASC	Helo (1) _____ on (2) _____ (MedEvac/Re-supply) mission at LZ SWAN receives (3) _____ damage by (4) _____ fire. (Coordinate with FSC).
14-10	(R)		(1) _____ (Unit) submitted Helo Transport Request with following parameters at (2) _____ (time) (HTR Form).
14-11	(R)		(1) _____ (Unit) submitted MedEvac Request with following parameters at (2) _____ (time) (MedEvac Form).
14-12	(R)		Friendly helo (1) _____ (Supply Troop airlift, MedEvac) mission will/is taking place at (2) _____ hours. LZ (3) _____ at grid (4) _____ is primary, (5) _____ at grid (6) _____ is secondary. Flight altitudes is (7) _____. Helo mission number is (8) _____.
14-13	(O)	DASC	Notify helo flight leader, mission number (1) _____ that the primary LZ (2) _____ is under heavy (3) _____ fire. Divert to LZ (4) _____.
14-14	(O)	DASC	(1) _____ sights (2) _____ at (3) _____.
14-15	(O)		TPQ-10 Mission conducted against coord (1) _____ at (2) _____ hours. Ordnance load (3) _____ (ASRAT must be operating).
14-16	(O)	DASC	CAS mission #(1) _____ at coord (2) _____ reports two dud 500# GP bombs on target.
14-17	(O)	DASC	CAS mission #(1) _____ reports available on station at (2) _____ with (3) _____ ordnance.
14-18	(O)	DASC	Pilot released 5000 meters short on TPQ mission coord (1) _____ at (2) _____ hours. Ord load (3) _____.

L-5-2
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14-19	(R)	DASC	Friendly CAS mission will/is taking place at (1) _____ hours. (2) _____ (number/type) A/C at grid (3) _____. Target is (4) _____ (Target or "On Station").
14-20	(O)	DASC	CAS mission # (1) _____ reports (2) _____ (Rocket/GP/napalm) was mistakenly/ due to malfunction dropped on (3) _____ (village/civilians/friendly troops) at (4) _____.
14-21	(O)	DASC	MAYDAY, MAYDAY, (1) _____ hit by (2) _____ ejecting grid square (3) _____.
14-22	(O)		Sight (1) _____ parachutes in (2) _____ (friendly/enemy) area at coord (3) _____.
14-23	(O)		(1) _____ unable to establish radio contact with (2) _____.
14-24	(O)	DASC	CAS mission # (1) _____ sights (2) _____ at (3) _____. (4) _____ (will/will not) attack.
14-25	(R)		<u>BDA REPORT:</u> (1) _____ event number. (2) _____ KIA _____ WIA _____ MIA _____ (3) _____ (light/medium/heavy) Equipment damage. (4) _____ (light/medium/heavy) Supply damage. (5) _____ (Remarks).
14-26	(R)	Fm Unit Ump	(1) _____ (unit) submitted Tactical Air Request with following parameters at (2) _____ (time) (TAR Form).
14-27	(O)	Co/BLT	AO on station for (1) _____ (unit) at (2) _____ (time) to recon area from coords (3) _____ to (4) _____. Time on station (5) _____.
14-28	(O)	Co/BLT	AO available on station at (1) _____. Time on station (2) _____.
14-29	(O)	DASC	AO requests max ord of fire impacting vic coord (1) _____.
14-30	(O)	DASC/BLT	AO reports sighting (1) _____ at (2) _____.

L-5-3
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14-31 (0) AO will adjust fire.

14-32 (0) DASC/HDC (1) _____ receiving (2) _____ (light/
medium/heavy) AA fire from vic (3) _____
(4) _____ KIA (5) _____ WIA (6) _____
_____ equipment damaged.

14-33 (0) (1) _____ friendly fixed wing A/C shot
down at (2) _____.

14-34 (0) (1) _____ friendly helicopter shot down
at (2) _____.

14-35 (0) DASC (1) _____ (type) A/C reports mechan-
ical problem. Problem is (2) _____.

14-36 (0) DASC (1) _____ type A/C return to LPH/Field
because of possible mechanical prob-
lem. Problem is (2) _____.

14-37 (0) DASC/Co (1) _____ (number/type) A/C shot down
vic of coord (2) _____. (3) _____
parachute(s) sighted.

14-38 (0) DASC (1) _____ (problem) with (2) _____ (type)
A/C will require (3) _____ hours to
correct.

14-39 (0) DASC (1) _____ (problem) with (2) _____ A/C
is corrected/not corrected.

14-40 (0) DASC (1) _____ (type) A/C damaged by (2) _____
at (3) _____.

14-41 (0) DASC (1) _____ (type) A/C destroyed by SAM
at (2) _____. No survivors.

14-42 (0) DASC (1) _____ A/C reports fire warning
light during (2) _____ at coord (3) _____.

14-43 (0) (1) _____ aggressor fixed wing A/C
shot down at (2) _____.

14-44 (0) (1) _____ aggressor helicopters shot
down at (2) _____.

14-45 (0) Aggressor (1) _____ (type) A/C attack at
(2) _____ with (3) _____ (ordnance).

14-46 (0) Aggressor CAS strike will/is taking
place on grid (1) _____ at (2) _____
hours with (3) _____ ordnance.

L-5-4

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14-47 (0) (1) _____ (type) aggressor A/C sighted
at (2) _____ by (3) _____.

14-48 (0) (1) _____ receives fire from (2) _____
type aggressor A/C at (3) _____.

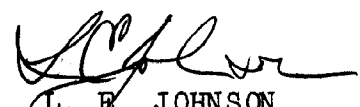
14-49 (0) DASC Request flak suppression fire at coord
(1) _____ at (2) _____ hrs. Request
air space limitations.

14-50 (0) DASC One A/C mission # (1) _____ explodes
in flight. Request max ord any arty
mission ASAP. (Use if FSCC fails to
coordinate air and arty).

14-51 (0) (1) _____ Marines killed during friend-
ly CAS mission.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)

L-5-5
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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO, San Francisco 96602
231700I March 1973

Appendix 6 (Fire Support Events) to Annex L (Scenario) to Exercise Control
Order 1-73 (Exercise GOLDEN DRAGON - 73)

Ref: None

<u>PERIOD</u>	<u>EVENT NO.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
D-Day				
	22-1	(S)	Co	FO with (1) Co on RED TWO reports no enemy artillery opposition to the landing.
	22-2	(S)	Co	Troops on the ground in the area of LZ HAWK receiving incoming artillery fire at grid 350532. NOTE: SHELLREP in TAB A.
	22-3	(S)	Co	(1) Co on RED TWO receiving light 120mm and 82mm mortar fire from the northwest.
	22-4	(S)	Co	(1) Co, on motorized approach march receives artillery fire in the vicinity of 379511. NOTE: SHELLREP in TAB A.
	22-5	(S)	Co	(1) Co in area of LZ HAWK now receiving incoming artillery fire from another aggressor position. NOTE: SHELLREP in TAB A.
	22-6	(S)	Co	(1) Co is receiving medium 120mm mortar incoming from the vicinity of BLT Objective 3.
	22-7	(S)	Co	(1) Co is receiving 122mm incoming from the west, impacting near 4253, with a total of approximately 30 rounds. UMPIRE NOTE: NEAR OBJECTIVE 3.
	22-8	(S)	Co	(1) Co, in attack on LF Objective A, is receiving medium 82mm and 120mm incoming from the west. Estimate 120mm mortars located in vicinity of 315505.

L-6-1
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22-9	(S)	Co	(1) ___ Co on LF Objective A receives heavy 122mm artillery incoming. NOTE: SHELLREP in TAB A.
22-10	(S)	Co	(1) ___ Co, moving to seize BLT Objective 1, receives 120mm mortar fire from the vicinity of 4052, with the total not over 35 rounds.
22-11	(S)	Co	(1) ___ Co, on BLT Objective 1, is receiving 82mm fire from the north. The fire is sporadic and inaccurate.
22-12	(S)	FSCC	SHELLREP on 122mm incoming on BLT Objective 3 follows.
2200 22-13	(S)	S-3	One round TONDRO, SSM, impacts at 409530. with an ECR of 1000 meters.
2300 22-14	(S)	S-3	2/4 CP in vicinity of 415525 is receiving light 122mm H and I fires, totalling over 15 rounds.
2345 22-15	(S)	FSCC	SHELLREP on H and I fires on 2/4 CP follows.
22-16	(S)		FO on LF Objective A reports hearing vehicle noises to the northwest, approximate azimuth 320°
D+1 22-17	(S)	Co	(1) ___ Co moving to attack BLT Objective 5 encounters medium 120mm and 82mm mortar incoming, from the northwest. NOTE: SHELLREP in TAB A.
22-18	(S)	Co	(1) ___ Co reports mortar incoming ceased as they reached position 370530.
22-19	(S)	Co	(1) ___ Co is receiving 122mm artillery incoming on BLT Objective 5. NOTE: USE WITH EVENT 22-20.

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22-20	(S)	Co	FO with (1) Co reports possible enemy artillery position in vicinity of 2951. Flash to bang time is approximately 11 seconds. UMPIRE NOTE: UNIT IS ON OBJ A.
22-21	(S)	Co	(1) Co is receiving medium artillery incoming, in vicinity of 402534. NOTE: SHELLREP in TAB A. EVENT TO CONTINUE UNTIL OBJ 4 IS TAKEN. IMPACT IS SSE OF OBJ 4.
2330			
22-22	(S)	Co	(1) Co is receiving illumination in the vicinity of 3351. Illumination is being fired by mortars to the north. UMPIRE NOTE: THIS IS OVER OBJ A.
D + 2			
0100/22-23	(S)	Co	(1) Co encounters heavy 82mm and 120mm incoming on LF Objective A. NOTE: SHELLREP in TAB A.
22-24	(S)	Co	(1) Co, in the vicinity of 423557, is receiving continuous mortar illumination over grid 425560. UMPIRE NOTE: THIS IS OVER OBJ F.
22-25	(S)	Co	(1) Co in vicinity of 423563 is receiving medium 120mm and 82mm mortar incoming from the vicinity of LZ SWAN.
22-26	(S)	Co	(1) Co, on LF Objective F, is receiving incoming artillery fire, in the area of LZ SWAN. NOTE: SHELLREP in TAB A.
22-27	(S)	Co	(1) Co, moving to seize LF Objective D, is receiving heavy 120mm and 82mm mortar fire, from north end of the objective. NOTE: INTENSITY TO REDUCE TO "LIGHT" IF ARTILLERY/NGF/AIR SUPPORT IS UTILIZED BY ATTACKING FORCES.
22-28	(S)	Co on Obj D	(1) Co at grid 346563, reports that incoming mortar fire has stopped. NOTE: THIS EVENT USED WITH 22-27.

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22-29	(S)	Co	(1)___Co, just south of BLT Objective 8 is under heavy mortar fire from the objective.
22-30	(S)	Co on Obj 8	Aggressor fires 82mm FPF at grid (1)___ and a 120mm FPF at grid (2)___ . Each FPF is a 200 meter square.
22-31	(S)	Co	(1)___Co, on BLT Objective 8 is under 122 artillery incoming with Fuze VT. NOTE: SHELLREP in TAB A.
22-32	(S)	Co on Obj 8	(1)___Co reports capture of four aggressor mortars, caliber 120mm and 82mm.
2200 22-33	(S)	Co on Obj D	(1)___Co reports H&I incoming. NOTE: SHELLREP in TAB A.
2300 22-34	(S)	Co on Obj F	(1)___Co reports H&I incoming. NOTE: SHELLREP in TAB A.
D + 3 22-35	(S)	Co moving to Seize Obj 6	(1)___Co, in vicinity of 404585, receives moderate artillery incoming from the northwest. NOTE: FIRE WILL CONTINUE UNTIL COUNTER BATTERY MEASURES ARE IMPLEMENTED.
22-36	(S)		As(1)___Co approaches BLT Objective 6 in the vicinity of 4060, heavy mortar fire from BLT Objective 6 is encountered. NOTE: MORTAR FIRE WILL CONTINUE UNTIL COMPANY COMMENCES FINAL ASSAULT ON OBJ 6.
22-37	(S)	Co	(1)___Co on BLT Objective 6, reports the cessation of incoming mortar fire.
1500 22-38	(S)	Co on Obj 6	FO with (1)___Co sights armored column in the vicinity of 341642 on Route 4.

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22-39	(S)	Co on Obj 6	(1) Co is receiving heavy assault fire from 152mm self-propelled weapons deployed in the vicinity of 648610, and 352608. Rate of fire is approximately 16 rounds per minute.
22-40	(O)	Co	FO (1) Co reports finding an old artillery position at (2) _____. Estimated guns were (3) _____ caliber, and unit appears to have moved (4) _____.
22-41	(O)	FSCC	DD (1) reports (2) aircraft fouling gun target line.
22-42	(O)	Co	FO (1) Co sights high burst registration of (2) _____ caliber, over approximate coordinates (3) _____.
22-43	(O)		(1) reports possible artillery muzzle flashes in the vicinity of (2) _____.
22-44	(O)	DASC	AO reports vehicle tracks in the vicinity of (1) _____, indicating possible artillery position near (2) _____.
22-45	(O)	DASC	AO reports (1) _____ near (2) _____.
22-46	(O)	FSCC	DD (1) sights troop movement in the vicinity of (2) _____.
22-47	(O)	FSCC	DD (1) sights vehicles moving (2) _____ near (3) _____.
22-48	(O)	FSCC	Battery F has fired into a restricted target near (1) _____. The target was (2) _____.
22-49	(O)	Battery	Battery F has received (1) _____ rounds of incoming artillery. (2) _____ guns are out of action (3) _____ KIA, (4) _____ WIA.
22-50	(O)	FSCC	DD (1) reports (2) _____ vessels fouling gun target lines. Vessels are of unidentified nationality,

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22-51	(0)	SFCP	DD (1)____ reports (2)____ landing craft fouling the gun target line. Request either that craft be moved or that DD (3)____ be assigned another Fire Support Station.
22-52	(0)	SFCP	DD (1)____ is under counterbattery fire from enemy gun, (2)____ rounds. Direction of fire estimated (3)____.
22-53	(0)	Co	(1)____ is receiving continuous illumination over their position.
22-54	(0)	Co	(1)____ is receiving coordinated illumination/HE of (2)____ caliber.
22-55	(0)	FSCC	DD (1)____ observes a large secondary explosion on target number (2)____. Target is at grid (3)____.
22-56	(0)	Co	FO with (1)____ reports hearing vehicle noises in the area of (2)____.
22-57	(0)	Co	FO (1)____ Co reports impacting rounds in the vicinity of (2)____. The rounds appear to be Naval Gunfire.
22-58	(0)	Battery	FO (1)____ Co reports that on target, grid (2)____, he has fired (3)____ rounds and has observed no impacts. Request Battery recheck their data.
22-59	(0)	Co	FO with (1)____ Co reports what appears to be aggressor artillery registration in the vicinity of (2)____.
22-60	(0)	Co	FO with (1)____ Co reports artillery impacting in the area of (2)____. UMPIRE NOTE: THIS IS (3) <u>AGGRESSOR/</u> <u>FRIENDLY FIRE</u> . IF FRIENDLY IT IS FIRE MISSION AT GRID (4)____; FIRED WITH INCORRECT DATA.
22-61	(0)	Battery	F Battery unable to fire due to aircraft fouling gun target line. Aircraft are visible from the battery position.
22-62	(0)	Co	(1)____ is receiving incoming mortar fire at (2)____ from (3)____.

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22-63	(O)	Co	(1) _____ is receiving incoming artillery fire near (2) _____. SHELLREP follows:
22-64	(O)	Co	(1) _____ is receiving AAA fire from grid (2) _____.
22-65	(O)	FSCC	Recon insert in the vicinity of (1) _____ is under artillery/mortar fire. SHELLREP follows:
22-66	(O)	Co	FO (1) _____ Co reports (2) _____ near (3) _____.
22-67	(R)	FSCC	(1) _____ requests MEDEVAC, for (2) _____ emergency and (3) _____ routine WIA.
22-68	(R)	FSCC/S-2	FO with (1) _____ Co reports he has lost his copy of the COI.
22-69	(R)		F Battery jeep containing aiming circles overturns. Three circles are badly jolted and are no longer designated. One circle serial (1) _____ has a crushed micrometer.
22-70	(R)	FSCC	Battery F is hit by (1) _____ rounds of 122mm incoming. Two guns are damaged; one with an unservicable equilibrator, the other with a bent sight mount. Estimate (2) _____ hours repair time: No SHELLREP available at this time.
22-71	(R)		Battery F reports that upon examination, two lifting slings are unservicable, and require replacement.
22-72	(R)	FSCC	DD (1) _____ requests to go UNREP:ETR (2) _____.
22-73	(R)	FSCC	DD (1) _____ sends the following PEPPER report. (2) _____ Captain will maintain on board 20% of capacity for tactical reasons.
22-74	(R)	Battery	CADILLAC report reflects the Battery with only (1) _____ HE/(2) _____ FZ. If no resupply is forthcoming unit will be out of action shortly.

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22-75	(R)	SFCP	DD (1) _____ reports fouled bore. Estimate 5 minute delay. UMPIRE NOTE: WAIT 5 MINUTES. DD (2) _____ requests permission to fire one late round.
22-76	(R)	FSCC	F Battery reports that target (1) _____ cannot be fired because of minimum Q.E.
22-77	(R)	FSCC	GDA on Artillery target (1) _____ or NGF target (2) _____ follows: (3) _____.
22-78	(R)	Battery	F Battery reports a badly leaking recoil cylinder on Gun 3. (Weapon is unservicable).
22-79	(R)	Battery	F Battery finds over 700 mil difference between surveyed data and magnetic readings.
22-80	(R)	SFCP	DD (1) _____ reports a 20 minute delay for repositioning.
22-81	(R)	Battery	F Battery reports over 30% misfires with ammunition lot (1) _____. Resupply is necessary.
22-82	(R)	SFCP	DD (1) _____ reports the stabilization gyro out of action. Estimate repair time as 3 hours.
22-83	(R)	SFCP	DD (1) _____ reports mount number one down hard for (2) _____ hours. Cause is electrical failure.
22-84	(R)	FSCC	DD (1) _____ reports that due to supply system difficulties, no resupply of fuzes VT or Time is available from the AE currently on station. Request instructions. Next AE due on station at approximately (2) _____.
22-85	(R)	Battery	F Battery 2 1/2 Ton truck runs over three rounds of Shell HE fuzed with VT. Upon examination, two of the fuzes are crushed and hot to the touch. Request EOD or engineer support.

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L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

TAB:

A: SHELLREP for Special Events

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(Exercise GOLDEN DRAGON - 73)

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TAB A (SHELLREPS For Special Events) to Appendix 6 (Fire Support Events)
 to Annex L (Scenario) to Exercise Control Order 1-73 (Exercise
 GOLDEN DRAGON - 73)

EVENT NO.SHELLREP

Format Example

- A. Unit or origin of report.
- B. Position of Observer.
- C. Direction of Fire.
- D. Start time.
- E. Ending time or duration of fire.
- F. Grid bombed/shelled/mortared.
- G. Number and type weapon.
- H. Nature of fire.
- I. Number and type of shells.
- J. Time of flash to bang.
- K. Damage assessment: To be determined by umpire.

22-2

- A. FO Company (1) _____
- B. 357528
- C. 4430 Mils
- D.
- E. 20 Minutes
- F. 350532
- G. 2/122mm
- H. Interdiction
- I. 8/HE
- J. Unk
- K.

22-4

- A. FO Company (1) _____
- B. 379509
- C. 339 Degrees Magnetic
- D.
- E. 10 Minutes
- F. 379511
- G. 2/122mm
- H. Interdiction
- I. 18/HE
- J. Unk
- K.

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22-5

- A. F0 Company (1) _____
- B. 357528
- C. 3080 Mils
- D.
- E. 20 Minutes: Or until unit deploys
- F. 345536
- G. 2/122mm
- H. Interdiction
- I. 25/HE/VT
- J. Unk
- K.

22-9

- A. F0 Company (1) _____
- B. 334511
- C. 4600 Mils
- D.
- E. 45 Minutes
- F. 331511
- G. 2/122mm
- H. Neutralization
- I. 60/HE
- J. Unk
- K.

22-12

- A. G0 Company (1) _____
- B. 422533
- C. 5050 Mils
- D. As lead elements reach Objective 3
- E. 10 Minutes
- F. 418537
- G. 2/122mm
- H. Neutralization
- I. 33/HE
- J. Unk
- K.

22-15

- A. 2/4 CP
- B. 416524
- C. 3940 Mils
- D. 2300
- E. One hour
- F. 413527
- G. Unk/122mm
- H. H and I
- I. 12/HE
- J. Unk
- K.

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22-17

- A. FO Company (1) _____
- B. 3851
- C. 6000 Mils
- D.
- E. 25 Minutes
- F. Area bounded by 378518, 378534, 383515, and 372535. Fire shifts as Co approaches Obj 5.
- G. 2/120mm, 2/82mm
- H. Neutralization
- I. 62/HE/Q and VT
- J. Unk
- K.

22-21

- A. FO Company (1) _____
- B. 396531
- C. 4600 Mils
- D.
- E. 30 minutes or until Objective 4 is secure.
- F. 402534
- G. 2/122mm
- H. Neutralization
- I. 38/HE
- J. Unk
- K.

22-23

- A. FO Company (1) _____
- B. 325513
- C. 0400 Mils
- D. 0100
- E. 1 Hour
- F. 328518 - 338520
- G. 2/82mm, 2/120mm
- H. Prep Fire
- I. 220/HE
- J. Unk
- K.

22-26

- A. FO Company (1) _____
- B. 417576
- C. 5450 Mils
- D. When lead assault elements reach LZ SWAN
- E. 1½ Hours
- F. 415582
- G. 2/122mm
- H. Neutralization and Covering Fire
- I. 110/HE/Q and VT
- J. Unk
- K.

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22 -31

- A. FO Company (1) _____
- B. 375548
- C. 6270 Mils
- D. When assault reaches Objective 8.
- E. 20 Minutes, or until Objective 8 is secured.
- F. 370556 - 378558
- G. 2/122mm
- H. Neutralization
- I. 130/HE/VT
- J. Unk
- K.

22 -33

- A. FO Company (1) _____
- B. 346563
- C. 4540 Mils
- D. 2200
- E. 2 Hours
- F. 348560 - 353555 - 350560
- G. 2/122mm
- H. H and I
- I. 20/HE
- J. Unk
- K.

22-34

- A. FO Company (1) _____
- B. 417576
- C. 5450 Mils
- D. 2300
- E. 2 Hours
- F. 404587 - 409580 - 415584
- G. 2/122mm
- H. H and I
- I. 16/HE
- J. Unk
- K.

BY COMMAND OF COLONEL YEO



L. E. JOHNSON

KIM PYO JOON
Lietenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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Appendix 7 (Tracked Vehicle Events) to Annex L (Scenario) to Exercise
Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

<u>PERIOD</u>	<u>EVENT No.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
D-Day				
	18-1	(O)	LVT	LVT in first wave hits obstacle at highwater mark. Right track thrown and hull punctured requiring welding (1) _____ WIA.
	18-2	(O)		Villagers at coord 417513 claim: (1) _____ (LVT/Tanks) have been driving between buildings, destroying property and killing livestock. Prepare report of circumstances and action to be taken.
	18-3	(O)	Co	Tank/Infantry movement at (1) _____ under medium mortar fire. (2) _____ KIA (3) _____ WIA. Round hits second tank. (4) _____ damage. Tank Commander WIA with severe bleeding left arm. (Coordinate with event 22-17)
	18-4	(O)	Co	On Objective 4 (1) _____ resistance encountered with heavy AT fire (2) _____ KIA (3) _____ WIA (4) _____ equipment damaged.
D + 2				
	18-5	(O)	Co	RR Fire from Objective 8. (1) _____ equipment damage. (Coordinate with event 3-19 if Co uses tanks).
	18-6	(O)	Co	Rocket fired at tank in vic coord (1) _____ (2) _____ KIA (3) _____ WIA (4) _____ equipment damage.
D + 3				
	18-7	(O)	Co	(1) _____ (tank/LVT/TRK) destroyed by rocket at coord (2) _____ (3) _____ KIA (4) _____ WIA. Rocket believed to have been fired from (5) _____ road (6) _____ (is/is not) blocked).

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18-8	(O)	Co	Local woman and child crushed by LVT in vic (1) _____.
18-9	(O)		(1) _____ (type) AT weapon sighted vic coord (2) _____ by (3) _____.
18-10	(O)		(1) _____ (tank/LVT) has mechanical problem with (2) _____. Estimated repair time (3) _____.
18-11	(O)		(1) _____ (tank/LVT) stuck in (2) _____ vic coord (3) _____.
18-12	(O)		(1) _____ vehicle in column hits mine. (2) _____ KIA (3) _____ WIA (4) _____ equipment damage.
18-13	(O)		Moving armored column at (1) _____ taken under fire by (2) _____ from (3) _____ direction. (4) _____ KIA (5) _____ WIA (6) _____ equipment damage.
18-14	(O)		Armored column halted at (1) _____. Taken under fire by (2) _____ from (3) _____ direction (4) _____ WIA, (5) _____ KIA, (6) _____ equipment damage.
18-15	(O)		Armored column halted by roadblock at (1) _____. Roadblock consists of (2) _____.
18-16	(O)		(1) _____ (number/type) aggressor armor at (2) _____ moving (3) _____ direction.
18-17	(O)		(1) _____ reports/sights (2) _____ at (3) _____.
18-18	(R)		Tank(s) expended (1) _____ rounds 90mm (2) _____ rounds .50cal, (3) _____ rounds .30cal.
18-19	(R)		LVT(s) expended (1) _____ rounds .30 cal.
18-20	(R)		Tank(s) presently at (1) _____ %BA 90mm (2) _____ %BA .50cal (3) _____ %BA .30 cal.
18-21	(R)		LVT(s) presently at (1) _____ %BA .30cal.

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18-22 (R) Armored attack on (1) _____ results in
(2) _____ aggressor KIA (3) _____ aggres-
sor WIA (4) _____ aggressor POW (5) _____
aggressor equipment destroyed/captured.

18-23 (R) Tank(s) direct fire at (1) _____ caused
(2) _____ secondary explosions.

18-24 (R) Damage to aggressor (1) _____ (number/
type) weapon is (2) _____.

18-25 (R) Tanks fired/are firing at (1) _____
(2) _____ rounds expended.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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 Fleet Marine Force, Pacific
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Appendix 8 (Communication-Electronics Events) to Annex L (Scenario) to
 Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)

Ref: None

<u>PERIOD</u>	<u>EVENT No.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
D-Day				
	10-1	(S)	BLT	Sniper round damages AN/PRC-77 : Radio operating on (1) Co, : BLT (2) TAC. NET. (repairs : require 2 hours)
D+1	10-2	(S)	BLT	(1) round damages AN/PRC-77 : radio operating on (2) Co, BLT : TAC NET, radio operator KIA : (repairs require 30 minutes).
D+2	10-3	(S)	BLT	Severe jamming (loud noises) on : BLT TAC NET. Radio operator : cannot transmit/receive. (last : 30 min).
D+3	10-4	(S)	BLT	(1) BN CP receives (2) : rounds. Rounds destroy all spare : BA-4386 batteries for AN/PRC-77 : stored at (3).
D+4	10-5	(S)		BLT (1) (2) NET is being : jammed (loud noises). Radio : operator cannot transmit/receive. : (jamming lasts 45 minutes).
	10-6	(O)	RECON	At (1) BLT (2) lost all : radio contact with (3) platoon, : Recon Co.
	10-7	(O)		Suspected imitative deception on (1) : radio net. UMPIRE NOTE: Note this event to be : used only if unit is operating in : uncovered mode.

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<u>PERIOD</u>	<u>EVENT No.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
	10-8	(O)		Artillery round damages mainline to (1)_____ power source vicinity of BLT (1)_____ CP. (repairs will take 1 hour)
	10-9	(O)		At (1)_____, cable to RC-292 is cut. (2)_____ net of (3)_____ (unit) is out. (repairs require 30 minutes)
	10-10	(O)		(1)_____ round destroys trunk line from BLT (2)_____ switchboard to TRC-166 terminal. (repairs require 1 hour)
	10-11	(O)		At (1)_____, cable to AS-2236 (Antenna) is damaged by incoming fire Multichannel communications from (2)_____ (unit) to (3)_____ (unit) is out. (repairs require 30 minutes)
	10-12	(O)		At (1)_____, Multichannel Terminal goes down for 2nd echelon maintenance problem at (2)_____ (unit). (repair time 45 minutes)
	10-13	(O)		BLT(1)_____ (2)_____ net is being jammed (loud noises). Radio operator cannot transmit/receive. (jamming lasts 15 minutes).

BY COMMAND OF COLONEL YEO



L. E. JOHNSON

KIM PYO JOON
Lieutenant Colonel, POK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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Appendix 9 (Personnel Events) to Annex L (Scenario) to Exercise
Control Order 1-73 (Exercise GOLDEN DRAGON-73)

Ref: None

PERIOD	EVENT No.	TYPE	SUBMITTED TO	EVENT
D-Day				
	1-1	(S)	Co	Two Marines from Co (1) _____ refuse to leave landing craft. Corpsman states that the men are suffering apparent withdrawal symptoms from hard drugs.
D+1	1-2	(S)	Co	Three Marines of Co (1) _____ claim conscientious objector status and have discarded their weapons and refuse to advance with their company on objective (2) _____.
D+2	1-3	(S)	Co	Two Marines of Co (1) _____ occupying defensive positions on objective (2) _____ are discovered missing from their assigned posts during night of D+2.
D+3	1-4	(S)	Co	Prepare at least two recommendations for awards, decorations, or citations for valor exhibited during operations ashore for submission upon completion of withdrawal. Example: "While leading his platoon in attack on an aggressor position near _____, 2ndLt _____ of _____ continuously exposed himself to heavy machine gun and rifle fire in directing the fire of his men. His actions inspired his men to suppress the aggressor fire and take the position with a minimum of casualties." (Witnessed by CoCmdr and 1stLt _____).

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<u>PERIOD</u>	<u>EVENT No.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
	1-5	(O)	Co	RC Message from mother of PFC(1) _____ of Co (2) _____ states SNM is only 16 years of age. Confirm and advise disposition of SNM.
	1-6	(O)	Co	Co (1) _____ has captured six armed civilians. They claim prisoner of war status but profess to be civilians and not members of aggressor regular service.
	1-7	(O)	Co	Co GySgt, Co(1) _____, killed during actions at LZ (2) _____.
	1-8	(O)	Co	Co(1) _____ resubmit cumulative casualties by grade for last 24hr. period.
	1-9	(O)	Co	A group of villagers from(1) _____ are advancing on the defensive positions of Co (2) _____ to protest the defacing of graves and tombs during the actions to seize Objective (2) _____.
	1-10	(O)	Co	(1) _____ Reports (2) _____.
	1-11	(O)	Co	Plt Commander of Co(1) _____ killed by sniper fire on Objective(2) _____.
	1-12	(O)	Co	A young woman villager has reported to BLT headquarters claiming that she was raped by two Marines from CP area.
	1-13	(O)	Co	Plt Commander of Co(1) _____ has relieved one of his squad leaders and charged him with cowardice in refusing to lead his squad in assault on Objective(2) _____.
	1-14	(O)	BLT	An artillery round hit the BAS of BLT (1) _____ killing the Bn Surgeon and 2 Corpsmen. All equipment was either destroyed or rendered inoperable.
	1-15	(O)	Co	A seriously wounded Marine from BLT (1) _____ is requesting an Orthodox Jewish Chaplain.

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<u>PERIOD</u>	<u>EVENT No.</u>	<u>TYPE</u>	<u>SUBMITTED TO</u>	<u>EVENT</u>
	1-16	(O)	Co	A mob of chaotic refugees are blocking the road and delaying the withdrawal of Company (1)_____.
	1-17	(R)	Co	The mail clerk of (1)_____ has 20 letters for KIAs in his unit.
	1-18	(R)	Co	CONGRINT from CMC indicates PFC(1)_____(2)_____(unit) is a sole surviving son. He denies this fact and states that his parents are separated but to the best of his knowledge his father is still living.
	1-19	(R)	Co	Red Cross message received requesting Sgt (1)_____ be notified that his wife delivered a 8 lb.11 oz. baby boy. Mother and son doing well.
	1-20	(R)	Co	Cpl with critical MOS requests assignment to an infantry company.
	1-21	(R)	Co	CO receives a letter from mother of Marine _____ stating that she is worried because he has not written.
	1-22	(R)	Co	Sgt(1)_____ with a critical MOS has been MedEvaced. A replacement with (2)_____ MOS is required.
	1-23	(R)	Co	(1)_____ Co receives a letter from mother of LCpl (2)_____ who states that she is concerned about her son's health and wants him assigned to non-combat duty.
	1-24	(R)	Co	Message from CMC requests immediate action on request for Hardship Discharge submitted by LCpl(1)_____, (2)_____(unit). Message indicated congressional interest.
	1-25	(R)	Co	Sgt(1)_____, (2)_____(unit), requests Hardship Discharge because of family problems. He has supporting documents.

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BY COMMAND OF COLONEL YEO



L. E. JOHNSON

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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1-73 (Exercise GOLDEN DRAGON-73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO, San Francisco 96602
231700I March 1973

Appendix 10 (Logistics Events) to Annex L (Scenario) to Exercise Control
Order 1-73 (Exercise GOLDEN DRAGON - 73)

PERIOD	EVENT No.	TYPE	SUBMITTED TO	EVENT
D-Day	4-1	(S)	BLT	(1) _____ Co/Btry leaves (2) _____ rounds of (3) _____ ammunition aboard (4) (trucks, helo, land craft).
D + 1	4-2	(S)	BLT	Lot (1) _____ of DODIC (2) _____ suspended from use by FMFPac Msg(3) _____.
D + 2	4-3	(S)	BLT	(1) (Unit) reports salt water contamination in (2) _____ fuel.
D + 3	4-4	(S)	BLT	Urgent modification for ejection mechanism for M-60 MG received from CMC. Parts required - none. Tool skill - 3rd Echelon. Man - hours 45 min.
D + 4	4-5	(S)	BLT	Road, vicinity coord (1) _____ blocked by civilian refugees.
	4-6	(O)		LZ (1) _____ can no longer be used because of soft ground.
	4-7	(O)		LZ (1) _____ suffers (2) _____ casualties among HST personnel. Pers (3) (do/do not) require evacuation.
	4-8	(O)		(1) _____ oil sump gaskets required to repair (2) _____ M-151 vehicles.

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4-9	(0)	Co	(1) _____ Co encounters (2) _____ kilos of rice, (3) _____ kilos of dried fish, and (4) _____ kilos of (5) _____ at coord (6) _____.
4-10	(0)	LSU	Bay city crane at Red Beach (1) _____ deadlined for (2) _____.
4-11	(0)		(1) _____ M-35 trucks deadlined for unservicable CV boots.
4-12	(0)		(1) _____ rounds of aggressor dud ordnance found at coord (2) _____.
4-13	(0)	Arty	Round malfunctions $\frac{1}{4}$ second after leaving muzzle. Proj lot (1) _____ fuze lot (2) _____.
4-14	(0)	Arty	Level/Cross level bubbles broken on (1) _____ 105mm howitzer(s).
4-15	(0)		MV accident vicinity coord (1) _____ (2) _____ vehicles require towing to 3rd Ech Maintenance.
4-16	(0)		(1) _____ truck has damaged transmission.
4-17	(0)	BLT	5 ton Cargo truck has defective power steering assembly.
4-18	(0)		Engineer tractor has blown gasket.
4-19	(0)		AN/PRC 77 belonging to (1) _____ Co. will not transmit.
4-20	(0)	BLT	(1) _____ vehicles at vicinity coord (2) _____ require emergency refueling.
4-21	(0)		(1) _____ water trailers cracked approx 6 inches along lower right edge.
4-22	(0)		(1) _____ lifting slings needed to service CH-53 main engines have unravelled.
4-23	(0)		(1) _____ helicopters have suffered rotor damage from hostile fire.
4-24	(0)		Hydraulic system damaged on (1) _____ CH-46 landing gear.

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4-25 (0) BLT Bridge, vicinity coord (1) _____
destroyed/damaged.

4-26 (0) LSU (1) _____ rounds of incoming artillery
experienced in (2) _____ storage area.


4-27 (0) (1) _____ generator, main power supply
for (2) _____ area deadlined for
defective (3) _____.

4-28 (0) (1) (type vehicle) requires recovery
assistance, vicinity coord (2) _____.

4-29 (0) (1) _____ M274 mechanical mules dead-
lined with broken trans-axles vicinity
coordinates (2) _____.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

DISTRIBUTION: Annex P (Distribution) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)

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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO San Francisco 96602
 1417001 March 1973

Annex M (Administrative/Logistics Plan) to Exercise Control
 Order 1-73 (Exercise GOLDEN DRAGON-73)

- Ref: (a) MAP: KAMS, Series L752, Sheet 4017 I and II
 (b) CINCPACFLT Inst C3480.7 (NOTAL) (C)
 (c) FMFPAC Order 03480.5
 (d) CTF 192 Operation Order 341 (Exercise GOLDEN DRAGON-73)
 (e) CTF 193 Operation Order 1-73 (Exercise GOLDEN DRAGON-73)
 (f) CTF 193 Administrative/Logistics Order 1-73 (Exercise GOLDEN DRAGON-73)
 (g) CTF 193 Embarkation Order 1-73 (Exercise GOLDEN DRAGON-73)

Time Zone: I

1. SITUATION. The combined TEC and Umpire Group supports the conduct of Exercise GOLDEN DRAGON-73.
2. MISSION. To control and exercise the Landing Force for the duration of the combined amphibious operation.
3. GENERAL
 - a. All fiscal support for the USMC portions of the TEC Headquarters and Umpire Group will be provided by the III Marine Amphibious Force.
 - b. Additional logistic and administrative support for the combined TEC and Umpire Group will be provided from among the following sources:
 - (1) III Marine Amphibious Force
 - (2) Commander, U. S. Naval Forces, KOREA.
 - (3) Republic of Korea Marine Corps.
 - c. Various support items from the various sources listed above will be addressed in succeeding paragraphs.
4. MATERIAL AND SERVICES
 - a. Prescribed Loads
 - (1) In addition to individual items of equipment and personal baggage, the USMC TEC Headquarters will take the supplies and equipment listed in Tab A to Appendix 1 (Embarkation and Movement).

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- (2) TEC Headquarters and Umpire Group personnel will take individual items of equipment and personal baggage as listed in Appendix 1 (Embarkation and Movement).

b. Supply

- (1) Prescribed loads.
- (2) Supplies and equipment to be provided to the Umpire Group by III Marine Amphibious Force units:
 - (a) Communication equipment and supplies will be furnished in accordance with Appendix 2 Annex H (Communication-Electronics).
 - (b) Rations and water.
 - (c) Pyrotechnics.
- (3) POL will be supplied to the USMC portion of the TEC by the Marine Advisory Detachment, POHANG.
- (4) Resupply will be effected when required by all means available.

c. Transportation

- (1) All motor transport support for the TEC Headquarters will be furnished by the 1st ROK Marine Corps Division.
- (2) USMC TEC Headquarters personnel and all USMC TEC supplies and equipment will be airlifted to and from KOREA.
- (3) A helicopter landing site will be established in the vicinity of TEC Headquarters. The Headquarters Commandant will be responsible for establishing the site.
- (4) All requests for helicopter support will be submitted to the TEC S-4. Request for emergency MEDEVAC will be processed in accordance with Appendix 2 (Medical).

d. Service

- (1) Engineer support for the TEC Headquarters site and connecting road network will be provided by the 1st ROK Marine Corps Division.

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- (2) Bath unit. No bath unit will be available at the TEC Headquarters site.
- (3) ROKMC will provide laundry service for TEC Headquarters personnel twice during the exercise.
- (4) Messing
 - (a) The USMC TEC will subsist on MCI during the entire exercise.
 - (b) Messing for the USMC TEC Headquarters advance planning staff will be provided by the Marine Advisory Detachment in POHANG.
- (5) Billeting
 - (a) Billeting for the USMC TEC advance planning staff will be provided by the Marine Advisory Detachment in POHANG.
 - (b) All other USMC TEC personnel will be billeted at the TEC Headquarters site for the duration of their stay in KOREA.
- (6) Troop support for the set-up of the TEC Headquarters site will be provided by the 1st ROK Marine Corps Division.
- . Maintenance. 3rd and limited 4th echelon maintenance of USMC items of equipment will be provided by the LSU. ROK Marine Corps will be supported by its organic Service Battalion.
- 5. MEDICAL EVACUATION AND HOSPITALIZATION. See Appendix 2 (Medical).
- 6. PERSONNEL. See Appendix 3 (Personnel).
- 7. CIVIL-MILITARY COOPERATION
 - a. ROKMC has responsibility for negotiating the use of land on which the TEC Headquarters site will be located.
 - b. ROKMC has responsibility for undertaking civil-military relations.
 - c. Traffic accidents involving ROKMC vehicles will be handled in accordance with established ROKMC procedures.

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d. OPREP-3 Reports, Serious Incident Reports (SIR's),
Status of Forces Violations, Claims, and USMC Vehicle
Accidents

- (1) Commander, U.S. Naval Forces, KOREA will establish a Combined Investigation/Claims Section which will be located at the TEC Headquarters site.
- (2) Functions of the Combined Investigation/Claims Section:
 - (a) Process OPREP-3 reports, SIR's and Status of Forces Violations.
 - (b) Process claims against the U.S. Government which arise during the exercise.
 - (c) Assist in investigating USMC vehicle accidents.
- (3) Organization of the Combined Investigation/Claims Section:
 - (a) Investigation Officer.
 - (b) Legal Advisory Officer.
 - (c) U. S. Liaison Team.
 - (d) ROK Liaison Team.
 - (e) Interpreter Team.
 - (f) Battalion Representatives. Each battalion will appoint a unit representative to assist the Combined Investigation/Claims Section executing the functions listed in (2) above.
- (4) Reporting
 - (a) The Investigation/Claims Section will be notified over TEC radio nets upon occurrence of any incident, possible claim, or USMC vehicle accident at the earliest possible time. At that time, detailed instructions will be provided as to further action to be taken.
 - (b) Prior to the arrival of the Amphibious Task Force (ATF), all OPREP-3 reports will be processed via the Combined Investigation/Claims Section or the Commander, U.S. Naval Forces, KOREA representative.

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(c) After arrival of the ATF, OPREP-3 reports will be processed via the appropriate Landing Force channel.

(5) All personnel should be thoroughly familiar with reporting conditions for OPREP-3 reports, SIR's, Status of Forces Violations, Claims against the Government and motor vehicle accidents. Reporting conditions are contained in unit SOP's and references (b), (c) and (d) and Appendix 1 to Annex E of reference (f).

8. EMBARKATION AND MOVEMENT. See Appendix 1 (Embarkation and Movement).

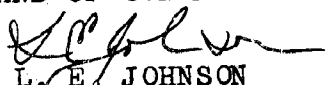
9. MISCELLANEOUS

- a. Perimeter security for the TEC Headquarters site will be provided by the 1st ROK Marine Corps Division.
- b. All TEC Headquarters personnel will be instructed in security of personal possessions while in KOREA.
- c. Only authorized personnel will be allowed in the TEC living quarters.
- d. Security will be posted in TEC living quarters on a twenty-four-hour basis. Security personnel will be equipped with flashlights at night.
- e. Internal security will be coordinated by the Headquarters Commandant.

10. COMMAND AND SIGNAL

- a. Location and arrangement of the TEC Headquarters site is shown in Appendix 4 (Administrative/Logistics Overlay).
- b. Annex H (Communication-Electronics).

BY COMMAND OF COLONEL YEO

KIM PYO JOON	
Lieutenant Colonel, ROK Marine Corps	Major, U. S. Marine Corps
Exercise Director	Exercise Director

APPENDIXES:

- 1-Embarkation and Movement (to be issued)
- 2-Medical
- 3-Personnel
- 4-Administrative/Logistics Overlay (to be issued)

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1-73 (Exercise GOLDEN DRAGON-73)

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Tactical Exercise Control (TG 193.7)
33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO San Francisco 96602
141700I March 1973

Appendix 2 (Medical) to Annex M (Administrative/Logistics Plan)
to Exercise Control Order 1-73 (Exercise GOLDEN
DRAGON-73)

1. GENERAL

- a. An aid station will be established at the TEC Headquarters site.
- b. The aid station will be organized to provide medical support for TEC Headquarters personnel. Supplies and equipment will be provided by the TEC S-4.

2. RESPONSIBILITIESa. TEC Corpsman

- (1) Treat and/or process all personnel requiring medical attention.
- (2) Instruct and supervise personnel in proper field sanitation.
- (3) Certify all water supplies as to potability.
- (4) Perform preventive medicine functions.
- (5) Maintain medical records as required.

b. Headquarters Commandant

- (1) Establish and mark a helicopter landing site in coordination with the TEC CEO.
- (2) Provide working parties for camp sanitation as required.

c. Communication-Electronics Officer. Process all requests for emergency medical evacuation.

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3. CASUALTY EVACUATION

- a. Prior to the arrival of the Amphibious Task Force (ATF), requests for emergency MEDEVAC will be processed by radio to the Marine Corps Advisory Detachment, POHANG, who will in turn notify the Commander, U.S. Naval Forces KOREA (CNFK) duty officer in SEOUL. The CNFK duty officer will contact the TACC in OSAN. Evacuation will be by Army helicopter to Healeah Compound in PUSAN.
- b. After the arrival of the ATF, emergency MEDEVAC, as well as routine evacuations, will be through Landing Force channels in accordance with reference (f).
- c. MEDEVAC helicopter requests will be submitted to the TEC Communication-Electronics Officer in the following format:
 - (1) Person calling, Unit and/or location and telephone number.
 - (2) Number of persons to be evacuated.
 - (3) Name, Rank, Age and Sex of evacuee.
 - (4) Cause of injury.
 - (5) Location of injuries on body and severity.
 - (6) Symptoms, pulse, temperature and blood pressure.
 - (7) Treatment.
 - (8) Attending medic's name and how he can be contacted.
 - (9) If patient is a stretcher case or not.
 - (10) Place landing (Coordinates and Name)
 - (11) Weather at rescue site.

4. MISCELLANEOUS. Prior to embarkation, all TEC Headquarters personnel and the Umpire Group will insure that inoculations against cholera and smallpox are current.

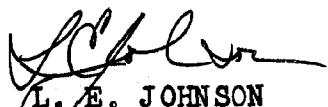
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BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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1-73 (Exercise GOLDEN DRAGON-73)

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33d Marine Amphibious Unit
Fleet Marine Force, Pacific
FPO San Francisco 96602
141700I March 1973

Appendix 3 (Personnel) to Annex M (Administrative/Logistics Plan) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON-73)

- Ref: (a) Maps: KAMS 1:50,000, Series L752, Sheets 4017 I and II
- (b) MCO P1080.35A Personnel Reporting Instructions Manual (PRIM)
- (c) MCO P3040.4 Marine Corps Casualty Procedures Manual (MARCORCASPROC MAN)
- (d) FMFPACO P3040.2E Policy and Procedures for Casualty Management
- (e) SecNavInst 1650.1 Navy and Marine Corps Awards Manual
- (f) CTF 192 Operation Order 341 (Exercise GOLDEN DRAGON-73)
- (g) CTF 193 Administrative/Logistics Order 1-73 (Exercise GOLDEN DRAGON-73)

1. STRENGTHS

- a. The Tactical Exercise Control (TEC) will embark at on-board strength. See Tab A (Tactical Exercise Control Table of Organization).
- b. All personnel of the TEC will remain on III MAF rolls for accounting purposes. The TEC (S-1) will report unit diary information to the Headquarters Commandant, III MAF, in accordance with reference (b).
- (1) The following must be reported in the case of TAD personnel:
- (a) Commencement of TAD.
- (b) Termination of TAD.
- (c) All occurrences during the period of TAD which require Unit Diary reporting.

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(2) Unit diary information will be reported by telephone (9330) while at OKINAWA and by message while deployed.

- c. Casualty reports will be submitted on occurrence in accordance with references (c) and (d).

2. REPLACEMENTS

- a. Replacements for the TEC will be requested by the Commanding Officer, 33d MAU from the Commanding General, III MAF.

3. DISCIPLINE, LAW AND ORDER

- a. The TEC is composed of Staff Sections and Umpire Teams under the guidance, direction and overall control of the Tactical Exercise Director.
- b. Personnel assigned to the TEC will be under the direct control of their respective Staff Section Head, Chief Umpire and Senior Officers of Umpire Teams.
- c. Senior officers of umpire teams, when assigned to 33d MAU units, will be responsible to the Unit Commander for the conduct and discipline of their umpire personnel.
- d. TEC Headquarters/Umpire personnel who are charged in violation of the Uniform Code of Military Justice will be referred to either the Tactical Exercise Director or the Unit Commander for review and appropriate disposition of their offense.
- e. If warranted, and as determined by the Tactical Exercise Director or the Unit Commander, TEC personnel may have their TAD orders terminated and be returned to their parent unit for disciplinary action.
- f. TEC Staff and Senior officers of umpire teams will take necessary action to guard against:
- (1) Black market operations.
 - (2) Illicit narcotics traffic.
 - (3) Pilferage of supplies.

4. GRAVES REGISTRATION (ACTUAL DEATH OF TEC MARINE(S))

- a. Prior to the arrival of the Amphibious Task Force, COMNAVFOR KOREA will be informed of all details via radio at MC Advisory Detachment, POHANG.

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COMNAVFORKOREA will make casualty reports and arrange for evacuation of remains.

- b. On arrival of the Amphibious Task Force, the USS Tripoli (LPH 10) is designated casualty receiving ship for the remains of the dead. (See reference (c) and (d) for casualty reports and evacuation.)

5. MORALE AND PERSONNEL SERVICES

a. Mail

- (1) The mailing address while assigned TAD to TEC will be:

CTG 79.5 (TEC)
FPO San Francisco 96602
- (2) TEC Umpires, when assigned to 33d MAU units, should use that unit's address.
- (3) It will be the responsibility of each individual to ensure the proper address change is made with parent unit's mail clerk. If personnel do NOT desire to change their mailing address while on TAD to the TEC a written request must be submitted to the parent unit's mail clerk.
- (4) While deployed on Exercise GOLDEN DRAGON-73, CTG 193.2 Headquarters (AdjSect) will make unit distribution/mail pick-up if the situation permits.
- (5) TEC Headquarters personnel while in KOREA may use the postal service with the MC Advisory Detachment at POHANG for outgoing mail only. There will be no in-coming mail delivery through the Advisory Detachment or the Korean postal service.

b. Pay

- (1) The TEC Headquarters/Umpire Group will be paid each pay day from 0800 to 0830, Building 2394 (TEC Hq), Camp Hansen.
- (2) The last pay day prior to deployment of the TEC will be on 27 March 1973.
- (3) There will be no payments while deployed on Exercise GOLDEN DRAGON-73.
- (4) The TEC Headquarters/Umpire Group will be paid upon return to OKINAWA.

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c. Leave and Liberty

- (1) No annual leave will be granted.
- (2) Emergency leave will be processed through the individual's parent unit and will be granted as warranted.
- (3) There will be no liberty during the conduct of the Exercise in the AOA.
- (4) The liberty policy in KOREA for Headquarters personnel prior to the Exercise will be as promulgated by the Tactical Exercise Director.
 - (a) There is a strict curfew country-wide in KOREA from 2400 to 0400 each morning. All violators are arrested on the spot with no exceptions.
 - (b) If liberty is granted in POHANG, USMC must establish MPs in coordination with the ROKMC MPs. There are no US MPs established in POHANG.

d. Post Exchange. There will be no exchange facilities available to TEC Headquarters personnel in KOREA.e. Information

- (1) TEC Headquarters personnel will have limited laundry service provided by the Korean Marine Corps.
 - (a) The price for (1) set utilities is approximately 100 WON/33¢ U.S.
 - (b) The Headquarters Commandant, TEC will make arrangements for the processing and collection of payment for the laundry service.
- (2) Due to the combined nature of the TEC operation, all TEC personnel can be considered as individual representatives of the U.S. Marine Corps in the eyes of the Korean Marine Corps and civil population. For this reason each member of the TEC will be instructed thoroughly on the necessity and importance to:
 - (a) Conduct themselves in a manner that would at all times bring credit upon themselves and the Marine Corps.
 - (b) Maintain the highest standard of dress and military bearing.

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- f. Awards. Recommendations for medals and awards will be submitted in accordance with reference (e).

6. PERSONNEL PROCEDURES

- a. Headquarters/Umpire personnel ordered TAD with the TEC will report to the Headquarters Commandant, III MAF with OQR/SRB, health and dental records and pay record. Type security clearance held will be shown on individual orders.
- b. During the TAD assignment with the TEC, routine Administrative matters will be administered by the Headquarters Commandant, III MAF.
- c. There will be no transfers with the exception of TAD termination and internal transfers within the TEC as directed by the Tactical Exercise Director.

7. INTERIOR MANAGEMENT

- a. The TEC Headquarters will be located in Building 2394, Camp Hansen until deployment. See Appendix 1 (Embarkation and Movement) to this Annex.
- b. The Headquarters Commandant, TEC will be responsible for the internal arrangement and security for the TEC Headquarters in KOREA. See Appendix 4 (Administrative/Logistics Overlay) to this Annex.
- c. The S-1, TEC will be responsible for the internal message preparation and handling in the TEC Headquarters. See Appendix 4 (Message Preparation and Handling) to Annex H (Communication-Electronics).

8. CIVILIAN EMPLOYEES

- a. The hiring of civilian employees is not authorized.

9. MISCELLANEOUSa. Currency

- (1) U. S. currency must be exchanged for Military Payment Certificates (MPC) within 48 hours after arrival in KOREA. U. S. currency cannot be spent in KOREA.
- (2) The MC Advisory Detachment in POHANG has a limited exchange for MPC and KOREAN currency (WON). COMNAVFORKOREA can arrange exchange for large amounts.

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- (3) The Headquarters Commandant, TEC will coordinate and arrange for the exchange of U. S. currency to MPC/WON as required for TEC Headquarters personnel.

b. Public Affairs

- (1) TEC S-1 is responsible for coordination of Public Affairs Matters for the TEC.
- (2) The ROKMC Commander, POHANG Base is responsible for the coordination of Korean VIPs and press personnel.
- (3) The Headquarters Commandant is responsible for visitor control in the TEC Headquarters in cooperation with the ROKMC.

BY COMMAND OF COLONEL YEO



KIM PYO JOON	L. E. JOHNSON
Lieutenant Colonel, ROK Marine Corps	Major, U. S. Marine Corps
Exercise Director	Exercise Director

TAB:

A: Tactical Exercise Control Table of Organization
B: Post Exercise Administration

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1-73 (Exercise GOLDEN DRAGON-73)

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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 WFO, San Francisco 96602
 141700I March 1973

TAB A (Tactical Exercise Control Table of Organization) to Appendix 3 (Personnel)
 to Annex M (Administrative/Logistics Plan) to Exercise Control Order 1-73
 (Exercise GOLDEN DRAGON - 73)

1. Table of Organization for Tactical Exercise Control:

Line No.	Billet	Rank	Mos	Off	Enl	Source
1	<u>COMMAND GROUP</u>					
2	TacExCoord, ROKMC	Col	9906	1		ROKMC
3	TacExDir, ROKMC	LtCol	9911	1		ROKMC
4	TacExDir, US	Maj	9911	1		MAF
5	<u>S-1 SECTION</u>					
6	S-1, US	Capt	9911	1		DIV
7	Asst S-1, ROKMC	Capt	9911	1		ROKMC
8	Admin Chf	SSgt	0182		1	DIV
9	ClkTyp	LCpl	0151		1	DIV
10	<u>S-2 SECTION</u>					
11	S-2, US	Capt	0202	1		DIV
12	AsstS-2, ROKMC	Capt	0202	1		ROKMC
13	IntelO	Lt	0202	1		WING
14	S-2Chf	GySgt	0239		1	DIV
15	IntelMan	LCpl	0221		2	1 MAF/ 1 ROKMC
16	<u>S-3 SECTION</u>					
17	S-3, ROKMC	Maj	9911	1		ROKMC
18	AsstS-3, US	Maj	9911	1		DIV
19	WatchO	Capt/Lt	9911	2		1 WING/ 1 ROKMC
20	OpnsChf	GySgt	8711		1	DIV
21	AsstOpnsChf	Sgt	Any		2	DIV
22	<u>FSC SECTION</u>					
23	FSC, ROKMC	Maj	0802	1		ROKMC
24	AsstFSC, US	Capt	0802	1		DIV
25	FSC Asst	SSgt	0846		1	DIV
26	<u>S-4 SECTION</u>					
27	S-4, ROKMC	Maj	9911	1		ROKMC
28	AsstS-4, US	Capt	0402	1		FSR
29	LogChf	SSgt	0441		1	FSR
30	<u>COMM SECTION</u>					
31	GEO, US	Capt	2502	1		DIV
32	AsstGEO, ROKMC	Capt	2502	1		ROKMC
33	OpnsChf	GySgt	2591		1	DIV
34	RadRpr	Cpl	2841		1	DIV
35	RadWatchNCO	Sgt	2531		2	DIV
36	FldRadOpr	LCpl	2531		6	DIV
37	WireChf/Opr	Sgt	2511		1	DIV

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Line No.	Billet	Rank	Mos	Off	Enl	Source
38	SwbdOpr	Cpl	2511		2	DIV
39	<u>HQCMDT SECTION</u>					
40	HqCmndt, ROKMC	Capt	9911	1		ROKMC
41	AsstHqCmndt, US	Lt	9911	1		FSR
42	GySgt	GySgt	0369		1	FSR
43	PropNCO	Sgt	3041		1	FSR
44	Soty/Police	LCpl	8151		3	WING
45	Corpsman	HM2	8404		1	DIV
46	<u>BLT HQ SECTION</u>					
47	Bn/ChfUmp	Maj	0302	1		DIV
48	AsstUmp	Capt	9911	1		DIV
49	OpnsAsst	Sgt	8711		1	DIV
50	FldRadOpr	LCpl	2531		4	DIV
51	<u>INFCO SECTION</u>					
52	Ump	Capt/Lt	0302	4		DIV
53	FldRadOpr	LCpl	2531		8	DIV
54	<u>ARTYBTRYHQ SECTION</u>					
55	Ump	Lt	0802	1		DIV
56	AsstUmp	SSgt	0848		1	DIV
57	FldRadOpr	LCpl	2531		2	DIV
58	<u>LSU SECTION</u>					
59	LogUmp	Lt	0402/ 3002	1		FSR
60	FldRadOpr	LCpl	2531		2	DIV
61	<u>TRACKVEH SECTION</u>					
62	TrackVeh Ump	Lt	1803/ 1802	1		DIV
63	AsstLVT Ump	Sgt	1833		1	DIV
64	AsstTk Ump	Sgt	1811		1	DIV
65	FldRadOpr	LCpl	2531		2	DIV
66	<u>AVN SECTION</u>					
67	HeloUmp	Capt	75XX	1		WING
68	DASC Ump	Capt	75XX	2		WING
69	FldRadOpr	LCpl	2531		4	DIV

a. USMC TOTAL.....22 OFF.....53 ENL.....USN....1 ENL.

b. ROKMC Umpire Control Group will be organized separately.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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 Fleet Marine Force, Pacific
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Tab B (Post Exercise Administration) to Appendix 3 (Personnel)
 to Annex M (Administrative/Logistics Plan) to Exercise
 Control Order 1-72 (Exercise GOLDEN DRAGON-73)

1. STRENGTHS

- a. The Tactical Exercise Control (TEC) will reduce its manning-level during the post exercise period starting on 12 April 1973 to deactivation on 24 April 1973.
- b. The reduction of TEC personnel will be based on the time required to (1) clean and turn-in equipment, and (2) prepare and submit reports as set forth in Annex O (Reports).
- c. The following is a projected schedule of significant events and reduction in manning-level for the TEC:

<u>DATE</u>	<u>EVENT</u>
9 Apr	TEC Hq/Umpire group to OKI
10 Apr	Commence clean-up and turn-in equipment
12 Apr	Commence release of Ump Grp and selected Hq personnel
16 Apr	Complete release Ump Grp (except ChfUmp)
20 Apr	Complete release Hq Grp (except Key personnel)
23 Apr	Release remaining TEC personnel
24 Apr	Deactivate TEC

2. MORALE AND PERSONNEL SERVICESa. Mail

- (1) Upon completion of TAD, individuals should check with their parent unit's mail clerk to ensure their change of address card is destroyed.
- (2) Any mail received for individuals after completion of TAD will be returned to parent units.

b. Pay

- (1) After returning to Okinawa, all TEC personnel will be paid on 13 April 1973 at a place to be designated.

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3. PERSONNEL PROCEDURES

- a. TAD Completion. Personnel will be released to their parent unit as recommended by their respective Staff Section Head/Chief Umpire and upon approval of the Tactical Exercise Director (TED).
- b. Fitness Reports/Proficiency and Conduct Marks

- (1) Concurrent fitness reports will be submitted on all Officers, Staff NCO's and Sergeants who have completed thirty (30) days or more TAD with the TEC.
- (2) The rater and reviewer for TEC billet assignments are as follows:

<u>BILLET</u>	<u>RATER</u>	<u>REVIEWER</u>
TED	CO, 33d MAU	CG, III MAF
S-3	-do-	-do-
ChfUmp	-do-	-do-
S-1	TED	CO, 33d MAU
S-2	-do-	-do-
S-4	-do-	-do-
CEO	-do-	-do-
HqCmndt	-do-	-do-
Intell O	S-2	-do-
FSC O	S-3	-do-
Watch O	-do-	-do-
Comm SNCO/Sgt	CEO	-do-
Ump Grp Off/SNCO/Sgt	ChfUmp	-do-
Hq SNCO/Sgt	Section Head	-do-

- (3) Conduct and proficiency marks will be assigned by the Headquarters Commandant, III MAF as recommended by the TED for all Corporals and below who have completed thirty (30) days or more TAD with the TEC.
- (4) TEC Staff/Umpire Sections will submit recommended pro/con marks to the TEC S-1 no later than 18 April 1973. Forms for entering pro/con marks may be obtained in the S-1 office.
- c. Check-Out Procedures
- (1) Prior to the release of personnel to their parent unit, TEC Staff/Umpire Sections will ensure their personnel are briefed on the following check-out procedures:


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- (a) Return and receipt for any TEC equipment/classified documents. The only authorized place to return classified material is the TEC S&C.
- (b) Officers, Staff NCOs and Sergeants sign smooth copy (plus extra copy) of their fitness report in the TEC S-1 office.
- (c) Corporals and below obtain a TAD release form in the TEC S-1 office. This form must be presented to the Adjutant Section, III MAF before processing of TAD termination is authorized.
- (d) Report to the Adjutant Section, III MAF for processing of TAD termination and obtain original TAD orders, pay record and OQR/SRB.

4. INTERIOR MANAGEMENT. The TEC will return to Camp Hansen during the post exercise period and occupy office/billeting spaces as assigned by the Camp Commander.

BY COMMAND OF COLONEL YEO


L. E. JOHNSON
Lieutenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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1-73 (Exercise GOLDEN DRAGON-73)

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Annex N (Critique Plan) to Exercise Control Order 1-73 (Exercise
GOLDEN DRAGON-73)

Ref: (a) CTF 192 Operation Order 341 (Exercise GOLDEN DRAGON-73)

Time Zone: I

1. GENERAL. This plan provides for TEC participation in a Combined Post Exercise Critique, a combined TEC Critique, and for separate Umpire Critique.

2. COMBINED POST EXERCISE CRITIQUE

- a. Background. Reference (a) directed that a Post Exercise Critique be held aboard the USS TRIPOLI (LPH-10) on 8 April 1973.

- b. Participants. The following members of the TEC Organization will be present at the critique.

Exercise Coordinator

Exercise Directors

Chief Umpires

S-1

S-2

S-3

S-4

CEO

Aggressor Commander

- c. Uniform. Utility uniform.

- d. Preparations

- (1) The critique will be built on the basis of a daily input. Umpires will provide TEC, on a daily basis, a brief subjective summary of the day's activities.

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This summary includes significant events, high lights and/or deficiencies noted, covering either the unit or functional area being umpired or the exercise control system.

- (2) Using the daily inputs from the umpires and comments from TEC staff officers, a daily critique summary will be prepared. These summaries will be consolidated, edited and, with an initial summary from the Aggressor Forces Commander, will form the final critique presentation.
- (3) Preparation of the critique will commence on the afternoon of 7 April 1973 to be ready for rehearsal on the morning of 8 April 1973 at a time to be designated by the Exercise Coordinator.

e. Preparation

- (1) The critique will be presented by both ROKMC and USMC.
- (2) Briefers will be determined by the Exercise Coordinator.
- (3) Length will be approximately 10-15 minutes.
- (4) The following material is tentatively planned to be covered during the TEC presentation.
 - (a) Initial actual aggressor situation.
 - (b) Aggressor action and results of friendly force operations presented on a daily basis or in chronological order with comments as to significant highlights or difficulties encountered.
 - (c) Brief comments on overall highlights, trends or problems noted affecting either landing forces or maneuver control.
 - (d) A brief summary touching on the degree of accomplishment of the general exercise objectives.

f. Training Aids

- (1) Overhead viewgraph slides will be used to illustrate the critique.
- (2) Preparation of the viewgraph slides will be a combined USMC/ROKMC project.

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- (3) USMC element of the TEC will take sufficient pre-made slides and material to KOREA for the critique.
- (4) Graphics preparation will be the responsibility of the 1st ROKMC Division graphics.

g. Action

- (1) Exercise Directors are responsible for coordination and presentation of the critique.
- (2) S-3 will collate all inputs and prepare the draft critique.
- (3) S-4 is responsible for procuring training aids material.
- (4) Umpires will file daily summaries in accordance with Annex D (Umpire Control) and Annex O (Reports).
- (5) Aggressor Force Commander will submit to the TEC initial comments on Aggressor participation to arrive at TEC Headquarters by 7 April 1973.

4. UMPIRE POST EXERCISE CRITIQUE

- a. Participating Unit Critiques. The senior umpire of each umpire team will debrief and critique his subordinate umpires. Following the umpire critique he will informally critique the participating unit for which he is umpiring. The TEC Headquarters will be informed of the time and location for each critique.
- b. Chief Umpire's Critique. The Chief Umpire will conduct a critique of the BLT and separate unit/functional umpires.
 - (1) This critique will be held at OKINAWA on 17 April 1973, exact location to be announced.

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- (2) Umpires will be prepared to turn in Post
Exercise Reports by 17 April 1973.

BY COMMAND OF COLONEL YEO


KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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Order 1-73 (Exercise GOLDEN DRAGON-73)

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Annex O (Reports) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

Ref: None

Time Zone: I

1. PURPOSE. This Annex sets forth the reports to be submitted by subordinate echelons to Tactical Exercise Control Headquarters and by TEC Headquarters to higher Headquarters.

2. EXERCISE REPORTS

- a. Appendix 1 (Exercise Reports) sets forth the reports required to be submitted during the exercise as well as originator, addressee and frequency.
- b. TABS to Appendix 1 set forth format and supplementary instructions for each report.

3. POST EXERCISE REPORT

a. Umpire Reports

- (1) A Post Exercise Report will be submitted by the following umpires to the Chief Umpire by 14 April 1973:

	REQUIRED BY:	
	ROKMC	USMC
(a) ELT Umpires	X	X
(b) Artillery Umpires		X
(c) LSU Umpires *		X
(d) Tracked Vehicle Umpires	X	X
(e) Helicopter and DASC Umpires		X

*"Note: The LSU Umpire Section will remain afloat with the 33d MAU LSU. If command of the combat service support is passed ashore, at that time the LSU Umpire Section will come ashore."

- (2) The reports will be in the format shown in the TAB A (Post Exercise Report Format) to Appendix 2 (Post Exercise Reports) and will include comments on those items applicable.
- (3) These reports should be typewritten if possible. An original and three copies are required.
- (4) Copies of completed events reports will be turned into the Chief Umpire at this critique.

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b. TEC Post Exercise Report

- (1) The Tactical Exercise Director (US) will submit a Post Exercise Report to the Commanding Officer, 33d MAU and the Tactical Exercise Director (ROKMC) will submit a Post Exercise Report to the Commanding General, 1st ROKMC Division. In each case, the respective Commanding General/Officer will publish, endorse and distribute the report as appropriate.
- (2) The Post Exercise Report will consist of a basic letter and two enclosures in the format as prescribed by the Commanding General, FMFPac (See FMFPacO P3340.2_) and these instructions.
 - (a) The basic letter will identify the exercise by name, location and dates, and will list the major troop units participating. Specific comments will be made covering the accomplishment or non-accomplishment of assigned exercise objectives. Difficulties and unusual features of the exercise will be mentioned.
 - (b) Enclosure (1) will report on Landing Force Operations and Enclosure (2) will report on Control Organization operations. The enclosures will be prepared in the format shown in Appendix 2 (Post Exercise Reports). Sub-paragraphs within the main paragraphs will be indicated alphabetically within each lettered paragraph consisting of identification of the "TOPIC", "COMMENT" and "RECOMMENDATION".
 - (c) A Table of Organization for control of a MAU size operation will also be included. Recommended reporting dates for each billet based on D-Day minus date will also be shown.
- (3) The following personnel will prepare the Post Exercise Report:
 - (a) Tactical Exercise Director
 - (b) S-1, S-2, S-3 and S-4
 - (c) CEO
 - (d) FSCC Officer
 - (e) Chief Umpire

BY COMMAND OF COLONEL YEO



L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

APPENDIXES:

- 1 - Exercise Reports
- 2 - Post Exercise Reports

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Appendix 1 (Exercise Reports) to Annex O (Reports) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)


Ref: None

EXERCISE REPORTS

<u>TITLE</u>	<u>FROM</u>	<u>TO</u>	<u>PERIOD</u>	<u>DUE</u>	<u>REMARKS</u>
Spot Report (SPOTREP)	Umpire	TEC	As occurs	ASAP	TAB A
Event Report	Umpire/ TEC	Umpire// TEC	As occurs	ASAP	TAB B
Situation Report (SITREP)	Umpire	TEC	0700-1900 1900-0700	NLT 0800 2000	TAB C 1st report due NLT 2000 D-Day
Daily Summary Report	Umpire	TEC	2100-2100	NLT 2200	TAB D
Fire Capabilities (FIRECAP)	Arty Umpires	TEC	As occurs	Upon oc- cupation of new position	TAB E
Ammunition Report	Arty Umpire	TEC	0600-0600	0700	TAB E
Fire Report (FIREREP)	Umpire/ TEC	TEC/ Umpire	As occurs	Upon com- pletion of each fire mission	TAB E

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

TABS:

- A: SPOTREP Format
- B: Event Report Format
- C: Situation Report Format
- D: Daily Summary Report Format
- E: FSC Reports

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TAB A (SPOTREP Format) to Appendix 1 (Exercise Reports) to Annex O (Reports) to
Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. A SPOTREP will be submitted to the TEC Headquarters by an umpire whenever there is a significant change in location of the umpired unit; or incident, action, or contemplated plan occurs which affects the umpired unit or higher headquarters.


2. FORMAT

UNCLAS
SPOTREP

ALFA	Change of location, incident, action, or plan.
BRAVO	Time of event or proposed event.
CHARLIE	Effect or probable effect on tactical situation.
DELTA	Umpire action taken or proposed.
ECHO	TEC/Umpire support required.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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TAB B (Event Report Format) to Appendix 1 (Exercise Reports) to Annex O (Reports) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. PURPOSE. The Event Report serves three purposes; (1) It is the format by which TEC Headquarters is notified whenever an event is inserted by an individual umpire. (2) It is the means by which TEC Headquarters notifies an umpire to insert an event. (3) It is the umpire's permanent evaluation event record and collectively is used as a basis for post exercise critiques and reports.

2. SUBMISSION

a. The Event Report will be transmitted electrically to or from TEC Headquarters using the following format:

UNCLAS

EVENT REPORT

ALFA Event Number

BRAVO Unit

CHARLIE Unit location

DELTA Date/Time inserted

ECHO Date/Time occurred

FOXTROT Event message. Enter only pertinent information not contained in event as written in scenario which is required to complete the meaning or action.

GOLF Additional information required of addressee, i.e., aggressor damage assessment, mortar/shell/bomb reports.

3. FORMAT

EVENT REPORT

1. To be completed and submitted to TEC Headquarters by each controller/umpire who inserts an event or observes reaction to a scenario event.
2. Fill out in duplicate. Deliver original to participating unit and retain duplicate for inclusion in the Post Exercise Report.

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A. Event Number: _____ B. Unit: _____
C. Unit Location: _____ D. Date/Time inserted: _____
_____ E. Date/Time Occured: _____
F. Event Message: _____

G. Additional Information requested: _____


H. Action taken by unit: _____

I. Exercise Objective (s): 1. _____ 2. _____
3. _____ 4. _____ 5. _____
J. TEC evaluation. Degree of accomplishment of the training objective (s):
Complete _____ Partial _____ Not Accomplished _____
K. Comments:

Controller/Umpire making insertions _____

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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TAB C (Situation Report Format) to Appendix 1 (Exercise Report) to Annex O (Reports) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. PERIOD OF REPORT

- a. The Situation Report will be submitted to cover the following periods:

0700 - 1900
 1900 - 0700

- b. The first report will be due at 2000 D-Day. Succeeding reports due at 0800 and 2000 daily.

2. SUBMISSION. The reports will be submitted by participating unit umpires, from the ELT level up, direct to TEC Headquarters. ELT Umpires will consolidate for their subordinates. Functional area umpires (i.e., DASC, Air, Arty) are not required to submit. Reports will be numbered sequentially commencing with number (1). Reports will arrive at TEC Headquarters one hour after the end of the reporting period.

3. CONTENT. Content of the reports will be taken direct from records kept or reports submitted by participating units. If the participating unit does not have the information or it is incomplete, the umpire will so indicate in the report. It is not intended that the participating unit umpire compile the information himself.

4. METHOD OF SUBMISSION. Situation reports will be transmitted over TEC Nets using the format in paragraph 5 or by courier if available.

5. FORMAT

Situation Report No. _____

1. Enemy

- A. Is enemy situation map current?
- B. Does enemy situation compare with umpire held O. B. ?
- C. Has S-2 presented the enemy courses of action to CO of the Unit?
- D. Has S-2 prepared INTSUMS and disseminated same to higher and lower units?
- E. Recommendations to overcome deficiencies: e.g., insert event, shift additional forces into unit zone.

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2. Own Situation

- A. Location of units, headquarters, and boundaries.
- B. Location of adjacent units and supporting troops.
- C. Brief description and results of operations during period.
- D. Planned opns for next 12 hours. (Objective, zones of action, etc.)

3. Personnel

- A. Actual strength of each unit at end of period.
- B. Losses: KIA, WIA, MIA, NON-BATTLE during period.
- C. Were replacements requested for losses in a timely, realistic manner?
- D. Number of prisoners of war collected, processed, and evacuated (real or constructive).
- E. Number of own, enemy, and civilian dead processed, evacuated, or buried during the period.

4. Logistics


- | | |
|----------------------|--|
| A. (Amount in DOS) | (Qty Class I supplies expended) |
| B. (Amount in DOS) | (Qty Class III supplies expended) |
| C. (Amount in DOS) | (Qty Class V supplies expended) |
| D. (Yes or no) | (Supply action taken to requisition expended supply Classes I, III, V) |
| E. (Quantity) | (Major weapons on combat deadline) |
| F. (Quantity) | (Vehicles on combat deadline) |
| G. (Quantity) | (Radios on combat deadline) |
| H. (Brief Statement) | (Significant supply problems) |
| I. (Brief Statement) | (Significant repair problems) |
| J. (Brief Statement) | (Significant logistic deficiencies) |
| K. (Brief Statement) | (Action taken or proposed to correct problems and/or deficiencies) |

5. Commander's Plans

For next reporting period.

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Fleet Marine Force, Pacific
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TAB D (Daily Summary Report Format) to Appendix 1 (Exercise Reports) to
Annex O (Reports) to Exercise Control Order 1-73 (Exercise GOLDEN
DRAGON - 73)

1. GENERAL. Umpires will provide TEC, on a daily basis, a brief subjective summary of the days activities. This summary should include significant events, highlights, and/or deficiencies noted, covering either the unit or functional area being umpired or the exercise control system.
2. PERIOD AND SUBMISSION
 - a. The report will cover the period 2100 - 2100 and will be submitted to arrive at TEC Headquarters NLT 2200 daily. The first report will be due 2200 D-Day.
 - b. ELT Umpires will consolidate company umpire reports.

3. FORMAT

UNCLAS
DAILY SUMMARY

- a. Significant Events
- b. Highlights
- c. Deficiencies
- d. Other Comments

BY COMMAND OF COLONEL YEO



L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

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Tactical Exercise Control (TG 193.7)
 33d Marine Amphibious Unit
 Fleet Marine Force, Pacific
 FPO, San Francisco 96602
 141700I March 1973

TAB E (FSC Reports) to Appendix 1 (Exercise Reports) to Annex O (Reports) to
 Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

1. GENERAL. The reports listed in paragraph two are required from umpires to the TEC Headquarters. The reports will arrive at TEC Headquarters no later than one hour after the submission time. Paragraph three gives examples of format to be used in the report.

2. SUBMISSION

a. The following reports will be transmitted via radio to the TEC Headquarters using the following formats and at the time indicated.

b. REPORTS

WHEN SUBMITTED

(1) Fire Capabilities
 (FIRECAPS)

ASAP upon occupation of position by supporting arms umpires.

(2) Ammunition Report

Daily at 0700 from supporting arms umpires.

(3) Fire Report
 (FIREREP)

Upon completion of each fire mission.

3. FORMAT

a. FIRECAP

_____ THIS IS _____ I have a FIRECAP

A. (Unit) _____

B. (Position) _____

C. (AOF) _____

D. (Weapon Status) _____

b. AMMUNITION REPORT

_____ This is _____ I have total of (a) _____
 _____ rounds/expect resupply (b) _____ (Time).

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c. FIREREP

- A. (Target No.) _____
- B. (Unit) _____
- C. (Target Location) _____
- D. (Target Discription) _____
- E. (Ammo, Expended) _____
- F. (Assessment) _____

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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GOLDEN DRAGON - 73)

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FPO, San Francisco 96602
141700I March 1973

Appendix 2 (Post Exercise Reports) to Annex O (Reports) to Exercise Control Order 1-73
(Exercise GOLDEN DRAGON - 73)

<u>TITLE</u>	<u>FROM</u>	<u>TO</u>	<u>PERIOD</u>	<u>DUE</u>	<u>REMARKS</u>
Event Reports	Umpires	Chief Umpires	Exercise	140800Apr73	TAB B to Appendix 1. Copy of all completed events reports.
Umpire Reports	Umpires	Chief Umpires	Exercise	140800Apr73	TAB A BLT Umpires consolidate for Companies.
TEC Post Exercise Report	TEC	CO, 33d MAU CG 1stROKMC Division	Exercise	21Apr73	TAB A, to Appendix 2.

BY COMMAND OF COLONEL YEO



L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director

TABS:

A: Post Exercise Report Format

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141700I March 1973

TAB A (Post Exercise Report Format) to Appendix 2 (Post Exercise Reports) to Annex O
(Reports) to Exercise Control Order 1-73 (Exercise GOLDEN DRAGON - 73)

LANDING FORCE OPERATIONS

1. ORGANIZATION

- a. Topic
- b. Comment
- c. Recommendation

2. PLANS AND ORDERS

3. PRE-D-DAY OPERATIONS

4. CONDUCT OF GROUND OPERATIONS. Comment on Landing Force accomplishment of exercise objectives, employment of established doctrine and procedures, success of the landing plan and scheme of maneuver ashore.

5. SUPPORTING ARMS COORDINATION

6. AIR OPERATIONS. Comment on all air operations not covered elsewhere.

7. INTELLIGENCE. Comment on the Landing Force flow and processing of intelligence information and response to events.

8. LOGISTICS

9. ADMINISTRATION

10. COMMUNICATIONS

CONTROL ORGANIZATION OPERATIONS

1. ORGANIZATION. Was the task organization of the TEC adequate for proper control of the exercise.

2. PRE-D-DAY OPERATIONS

3. UMPIRE TRAINING

4. CONDUCT OF OPERATIONS CONTROL

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5. SUPPORTING ARMS COORDINATION
6. AIR OPERATIONS
7. INTELLIGENCE. Include comments on pre-D-Day activity.
8. LOGISTICS
9. PERSONNEL
10. COMMUNICATIONS
11. ADMINISTRATIVE AND LOGISTICAL SUPPORT

BY COMMAND OF COLONEL YEO

KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps
Exercise Director


L. E. JOHNSON
Major, U. S. Marine Corps
Exercise Director

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Annex P (Distribution) to Exercise Control Order 1-73 (Exercise
 GOLDEN DRAGON-73)

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BY COMMAND OF COLONEL YEO



KIM PYO JOON
Lieutenant Colonel, ROK Marine Corps Major, U. S. Marine Corps
Exercise Director Exercise Director

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