

1857 - H

Serial No 17

TACTICAL PROBLEM IV
SENIOR CLASS 1934.

2902
9/16/33

DIAGRAM 1

TACTICAL PROBLEM II-1934-SR.

BLUE

File 312-x
SECRET

Escort Force,
BB-40, Flagship.

Operation Order
No. 1.

TRUK,
14 August 193-; 2000

TASK ORGANIZATION

- (a) Battle Line, Rear Admiral Jones
 - Batdiv Two
 - Desdiv Twelve
- (b) Light Forces, Rear Admiral Zane
 - Crudiv Four
 - Crudiv Nine
 - Desrons One, Three and Five less two DD
 - Mindiv Two plus six AM, CM-Four
- (c) Carrier Force, Captain Smith
 - CV-Four
 - Plane Guard, two DD
- (d) Submarines, Captain Dive
 - Subdiv Seven less SM-One plus SS-One thirty
 - Subdiv Eleven plus SS-One fifty four, One fifty three
- (e) Shore Based Air Force, Captain Radler
 - VP-Eight (Six planes).

1. Mission. To destroy ORANGE Force threatening Convoy Seven, in order to assure the early arrival of Convoy Seven at MANILA.
Information. Large ORANGE Force left BONINS nine August. At eleven hundred fourteen August a large ORANGE Force was sighted by a BLUE VP plane to the northward of TRUK. Its position at noon was about one hundred fifty miles northeast of TRUK proceeding at moderate speed on a northeasterly course. As a result of aircraft observations ORANGE Force estimated to be as follows: four BB of earlier type; three CC; one division of four MYOKO Class CA; one division of four KAKO Class CAs; two squadrons of DDs each led by a CL; one squadron of DLs lead by a CL; one CV of large fast type, and eight fleet submarines.
Assumptions. That enemy's main objective is Convoy Seven either by attack or containing it in TRUK; that he will seek a decisive engagement with BLUE Escort at sea; that he will maintain fair concentration of all his forces for such action; that he may station his submarines in the vicinity of TRUK ready for observation and attack at daylight fifteen August; that he may launch a strong air offensive at daylight fifteen August.
2. This force will locate and destroy enemy force last sighted at seventeen hundred, fourteen August, about two hundred miles northeast of TRUK at earliest search and decisive fleet action in order to assure early arrival of Convoy Seven in MANILA.
3. (a) Battle Line engage enemy in accordance with Battle Plan one.
(b) Light Forces perform tactical scouting upon first contact enemy main body to maintain observation of enemy dispositions and movements. Engage enemy in accordance with Battle Plan One.

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(c) Carrier Force sortie in advance of Submarines, conduct aerial search for enemy within a radius of one hundred fifty miles from position Latitude eight degrees dash zero zero, Longitude one fifty-two degrees thirty minutes. Begin simultaneous search in all sectors at zero five four five, fifteen August. Conduct aerial patrol of Fleet advance against enemy submarines beginning at zero five thirty. Engage enemy in accordance with Battle Plan One.

(d) Submarines attack enemy every favorable opportunity.

(e) Shore Based Air Force equip each plane with two one thousand pound bombs prepared to attack enemy when directed. Should enemy not be located by Carrier Group Scouts O.T.C. will direct each plane equip with two five hundred pound bombs and search according to Scouting Plan Two.

(x) Sortie as per Plan No. Two S. Fleet Guide will pass Point Option in Latitude seven degrees thirty-five minutes N., Longitude one fifty-two degrees three minutes E. at zero five hundred, fifteen August. All units less Carrier Group take Cruising Disposition Two RB, speed ten knots, course zero four five degrees. Be alert against aircraft and submarines.

4. Supplies and fuel at TRUK for all forces including aircraft. Convoy Six and Seven remain at TRUK until directed to proceed.
5. Rendezvous Affirm, TRUK; Baker, GUAM; Cast, PONAPE; O.T.C. in BB-Forty. Use zone minus ten time and contributory plans annexed.

S.
Vice Admiral,
Commanding Escort Force.

ANNEXES:

- A. Cruising Dispositions 2 RB and 2 LB.
- B. Scouting Plans Nos. 1, 2.
- C. Communication Plan Baker.

DISTRIBUTION:

Task Group Commanders,
Unit Commanders,
Commanding Officers,
Commander TRUK Base,
Commander Convoy Six,
Commander Convoy Seven,

By Despatch (pertinent extracts only) to:-

Opnav,
C-in-C, BLUE Fleet.

X.
Commander,
Flag Secretary.

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DIAGRAM 2

TACTICAL PROBLEM II-1934-SR.

BLUE

File 126-M
SECRET

Escort Force,
BB-40, Flagship.

BATTLE PLAN
No. 1.

TRUK,
14 August 1934.

TASK ORGANIZATION

- (a) Battle Line, Rear Admiral Jones.
 - Batdiv Two
 - Desdiv Twelve
- (b) Light Forces, Rear Admiral Zane.
 - Crudiv Four, CM-Four, Mindiv-Two, plus six AM
 - Crudiv Nine
 - Desrons One, Three and Five less 2 DD.
- (c) Carrier Force, Captain Smith.
 - CV-4
 - Plane Guard, 2 DD
- (d) Submarines, Captain Dive.
 - Subdiv Seven less SM-1 plus SS-130
 - Subdiv Eleven plus SS-154, 153
- (e) Shore Based Air Force, Captain Radler.
 - VP-9 (Six planes)

1. As per my Operation Order No. One.
2. This force will engage enemy decisively in a four phase action; first, by an aircraft offensive to secure control of the air; second, by battle line attack on enemy battle line at extreme ranges with own light forces defending battle line; third, by closing battle lines to decisive ranges with own light forces destroying enemy light forces and delivering attack on enemy battle line and air forces defending own battle line and attacking enemy battle line; fourth, by chase to complete the destruction of all possible enemy forces in order to destroy enemy force threatening Convoy Seven.
3. (a) Battle Line maintain gun range above thirty thousand yards until sufficient damage has been inflicted to warrant closing.
(b) Light Forces defend Battle Line. When directed attack enemy light forces and Battle Line.
(c) Carrier Force gain and maintain control of the air and attack enemy battle line.
(d) Submarines attack all available enemy vessels - main objective Battle Line.
(e) Shore Based Air Force attack with bombs enemy battle line and carrier.
(x) The O.T.C. will direct the initiation of each plane.
4. Train remain at TRUK. Convoy Six and Seven will remain at TRUK until they can, with safety, be directed to proceed.
5. Rendezvous Afirm, TRUK; Baker, GUAM; Cast, PONAPE. O.T.C. in BB-Forty. Use contributory plans annexed as directed.

S.
Vice Admiral,
Commanding Escort Force.

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9/16/33

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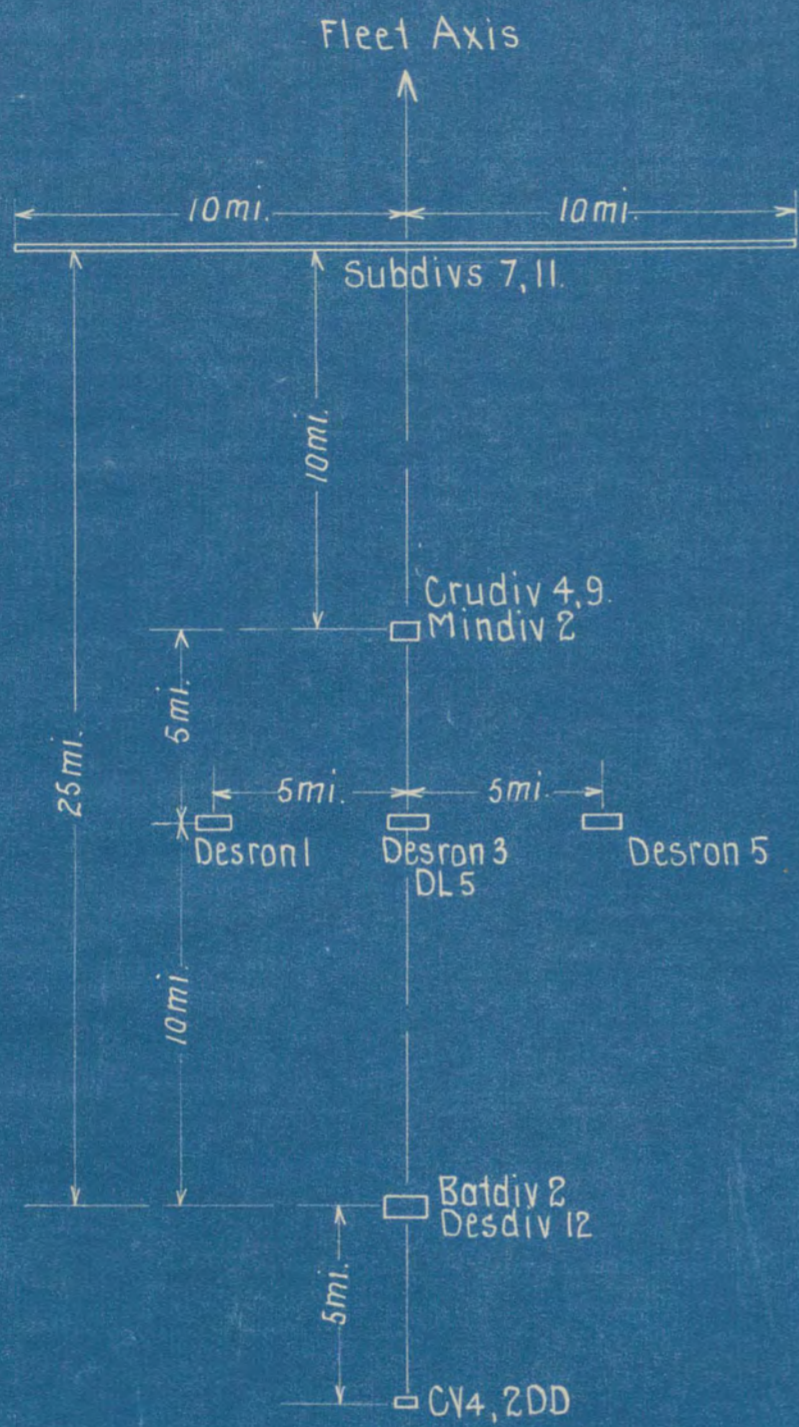
ANNEXES:

- A. Approach Dispositions.
- B. Battle Dispositions.

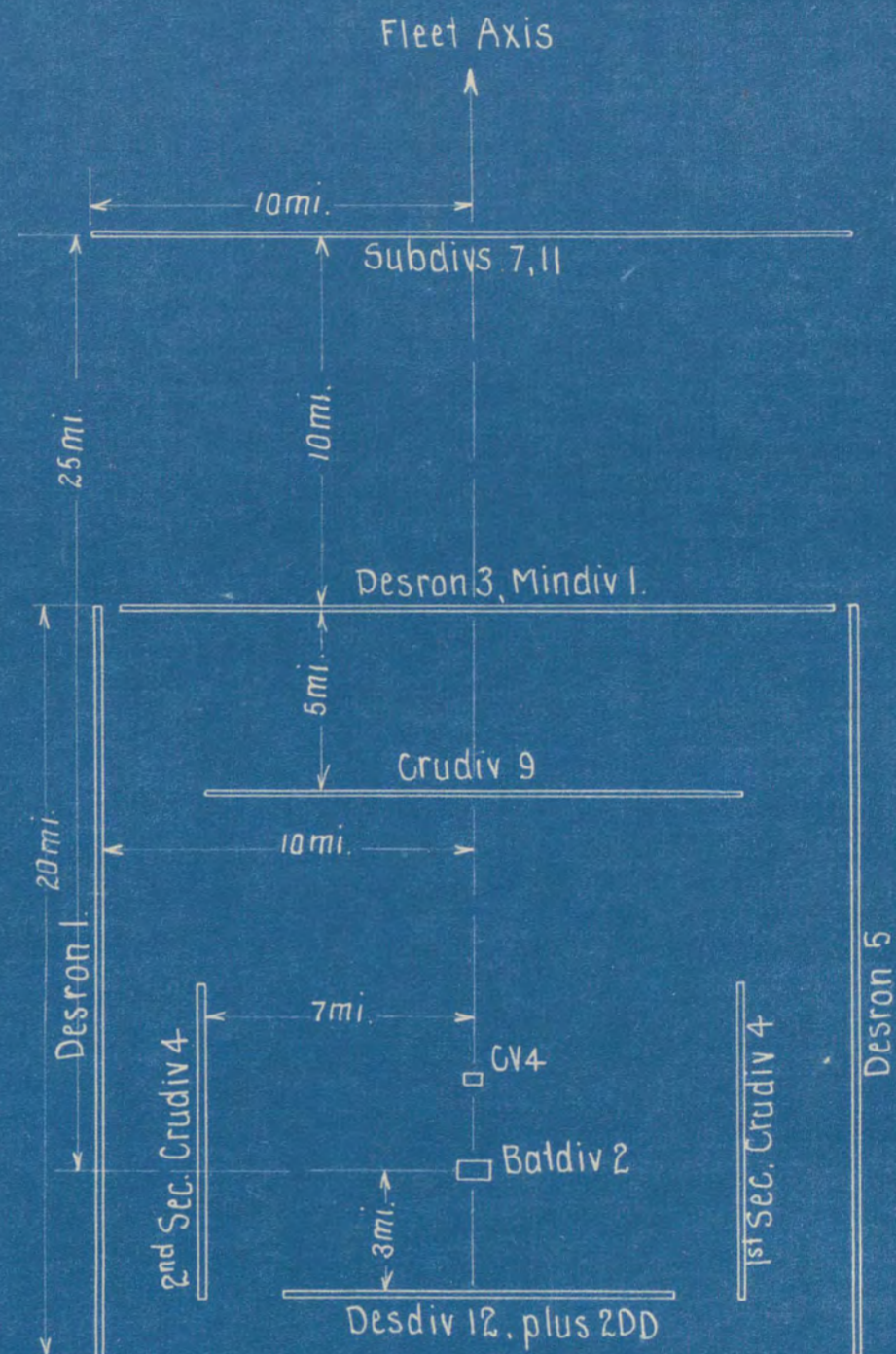
DISTRIBUTION:

Task Group Commanders
Unit Commanders
Commanding Officers
Commander TRUK Base
Commander Convoy Six
Commander Convoy Seven.

X
Commander,
Flag Secretary.



CRUISING DISPOSITION # 2.R.B.



CRUISING DISPOSITION # 2.L.B.

Tac. Prob. II-1934 Sr.
BLUE DISPOSITIONS

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DIAGRAM 4

TACTICAL PROBLEM II-1934-SR.

BLUE

BATTLE DISPOSITIONS

For Diagram of Disposition of Forces as to approximate bearings and distances, see page 77 Tentative F.D.B.P. (Diagram No. 29).

Plane Guard and Anti-Submarine Screen continue normal functions unless directed otherwise.

CV-4 take position at discretion.

No. of Battle Disposition	Light Forces on Left Flank	Light Forces on Right Battle Flank
1 B	DL-5 Desron 1 Desron 3	Crudiv 4 Mindiv Crudiv 9 Desron 5
2 B	Crudiv 9 Desron 1	Crudiv 4, DL-5 Desron 3 Mindiv Desron 5
3 B	Desron 1	Crudiv 4, DL-5 Crudiv 9 Mindiv Desron 3 Desron 5
4 B	-----	<u>All</u> Light Forces
5 B	Crudiv 9 DL-5 Desron 1 Desron 3	Crudiv 4 Desron 5 Mindiv
6 B	Crudiv 4 Desron 1 Desron 3	Crudiv 9 Desron 5

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DIAGRAM 4

TACTICAL PROBLEM II-1934-SR.

BLUE

BATTLE FORCE APPROACH DISPOSITIONS

For Diagram of Disposition of Forces as to approximate bearings and dispositions, see Diagram 25 Tentative F.D.B.P.

Plane Guard and Anti-Submarine Screen DDs will continue their normal functions until otherwise ordered.

CV-4 position at discretion.

No.	Light Forces on Left Flank	Light Forces in Center	Light Forces on Right Flank
1 A	DL-5 Desrons 1 & 3	None	Crudiv 4 Crudiv 9 Desron 5 Mindiv
2 A	Desron 1	Crudiv 4 Crudiv 9 Desron 3 Mindiv	Desron 5, DL-5
3 A	None	Crudiv 9 Desron 1	Crudiv 4 Desrons 3 & 5, DL-5 Mindiv

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SECRET 5

TACTICAL PROBLEM II-1934-SR.

ORANGE

File 4321-z

SECRET

Raiding Force
BB-1, Flagship

Operation Order
No. 2.

Latitude 9° 45' N.
Longitude 154° 10' E.
14 August 1933: 1700

TASK ORGANIZATION

- (a) Main Body
 - Batdiv Two
 - Batcrudiv One
 - Crudiv Five
 - Desron One
 - Desron Two
 - Desron Three less Desdiv Nine
- (b) Scouting Force, Rear Admiral OD.
 - CV-Two
 - Crudiv Six
 - Desdiv Nine
- (c) Submarines, Captain OE.
 - Subron Four less AS-One.

1. Strong enemy combatant force with large convoy discovered in harbor of TRUK this afternoon. Our presence was disclosed to him at the same time. Enemy main body at MANILA is urgently in need of material in this convoy. Enemy force in TRUK consists of battleships, heavy and light cruisers, aircraft carrier, mine layers, destroyers, submarines and small craft. All entrances to TRUK have been effectively closed except NORTHEAST PASS which is mined and netted. Defenses of TRUK are adequate to withstand raids by aircraft or surface forces. These defenses consist of shore batteries, which cover the mine fields, anti-aircraft artillery, submarines and patrol planes.
2. This force will destroy the first considerable BLUE Force leaving TRUK by decisive engagement in order to interrupt BLUE's OAHU-MANILA line of communications.
3. (a) Main Body engage enemy Main Body. At eighteen hundred take cruising disposition as per annexed plan, speed eleven, course two three one. At zero four hundred Desrons One and Two increase speed five knots resuming force speed at zero six hundred.
(b) Scouting Force gain information of first considerable BLUE Force leaving TRUK. Remain with main body during the night. At zero five hundred launch planes to search area within a radius of one hundred and thirty two miles of TRUK. Make air reconnaissance of the harbor of TRUK and the approaches thereto. Scout tactically to maintain observation of composition, disposition and movements of any enemy force discovered at sea in strength. Surface ships join main body for the deployment and battle.
(c) Submarines gain information of first considerable BLUE Force departing from TRUK and scout tactically any such force discovered. Observe exits from NORTHEAST PASS at daybreak tomorrow. Attack capital ships, aircraft carrier and heavy cruisers when information has been attained. Join in fleet action.
(x) Battle Plan annexed.

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4. Train remain at fueling rendezvous.
5. Communication Plan One.
Minus ten time.
Rendezvous PORT LLOYD.

O.C.
Admiral
Commanding Raiding Force

Annexes:

- A. Night cruising disposition for Main Body
and Scouting Force.
- B. Battle Plan.

Distribution:

Extracts by despatch to:
Commander in Chief.
Chief of Naval Staff.
By Guard Boat to:
Task Group Commanders.
Unit Commanders.
Commanding Officers.

S
Commander,
Flag Secretary.

2902
9-16-33TACTICAL PROBLEM II-1934-SR.ORANGEFile 1234-A
SECRETRaiding Force,
BB-1, Flagship.Battle Plan
No. 2Latitude 9° 45' N.,
Longitude 154° 10' E.
14 August 1933.TASK ORGANIZATION.(a) Battle Line.Batdiv Two.
Batcrudiv One.
Desdiv Eight.(b) Light Forces, Vice Admiral OB.Crudiv Five.
Crudiv Six.
Desron One.
Desron Two.
Desron Three less Desdivs Eight and Nine.(c) Aircraft, Rear Admiral OD.CV-Two.
Desdiv Nine.(d) Submarines, Captain OE.

Subron Four less AS-One.

1. Mission. To destroy the first considerable enemy force leaving TRUK in order to interrupt BLUE's OAHU-MANILA line of communication.
Information. No further information.
Assumptions. That the enemy will sortie from TRUK with all his combatant force tonight or at daybreak tomorrow and will endeavor to destroy or drive off this force. That he will attempt to keep his gunnery advantage at long ranges by refusing to close and by maintaining plane spots.
2. This force will attack the enemy immediately by engaging his capital ships at long ranges closing quickly to ranges less than seventeen thousand yards, in order to destroy the first considerable enemy force leaving TRUK.
3. (a) Battle Line engage enemy when within range. Close quickly to ranges less than seventeen thousand yards. Battle cruisers defend rear of battle line from attacks by light forces.
(b) Light Forces defend van of battle line. When directed lay smoke to cover battle line as it closes the range. Protect own carrier from attack by light forces. When directed, attack battle line with torpedoes and mines.
(c) Aircraft destroy carrier's flying deck before planes can be launched. Attack fighting planes. Destroy planes observing enemy's battle line gunfire. Attack battleships with bombs and torpedoes. Coordinate torpedo attack with that of our light forces.
(d) Submarines attack battleships, aircraft carrier and heavy cruisers.
(x) This plan effective for aircraft and submarines upon discovery of enemy; for surface forces upon deployment. Task Group Commanders use smoke at discretion but not to interfere with general Battle Plan. Pursuit will be initiated by C.T.C. who will designate Pursuit Plan to be used.

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6-16-33

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4. Train is at fueling rendezvous.
5. Rendezvous at PORT LLOYD. O.T.C. in BB-One. Use contributory plans annexed.

OC
Admiral
Commanding Raiding Force.

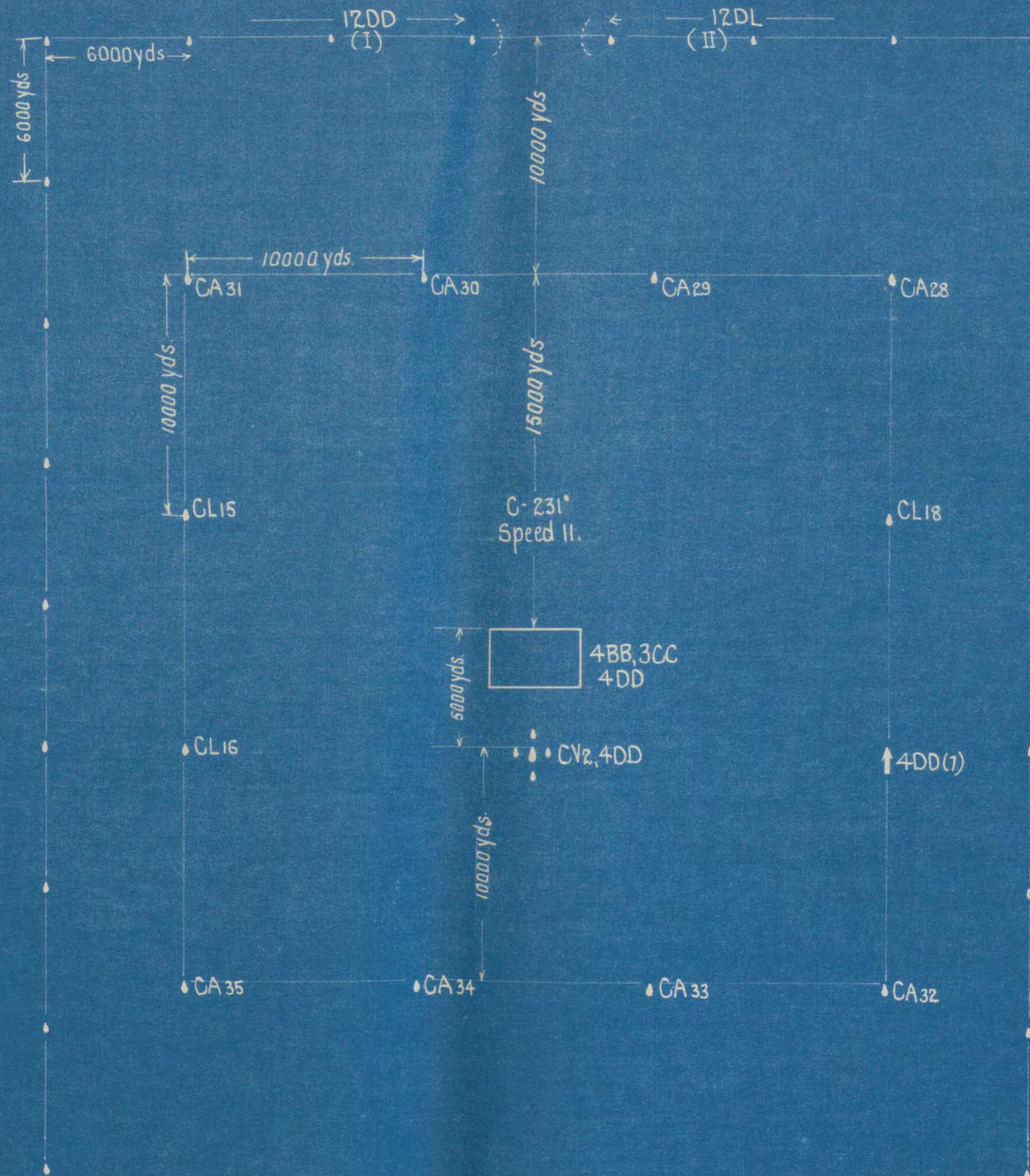
Annexes:

- A. Approach Disposition.
- B. Battle Disposition.
- C. Battle Radio Frequency Plan.
- D. Pursuit Plan.

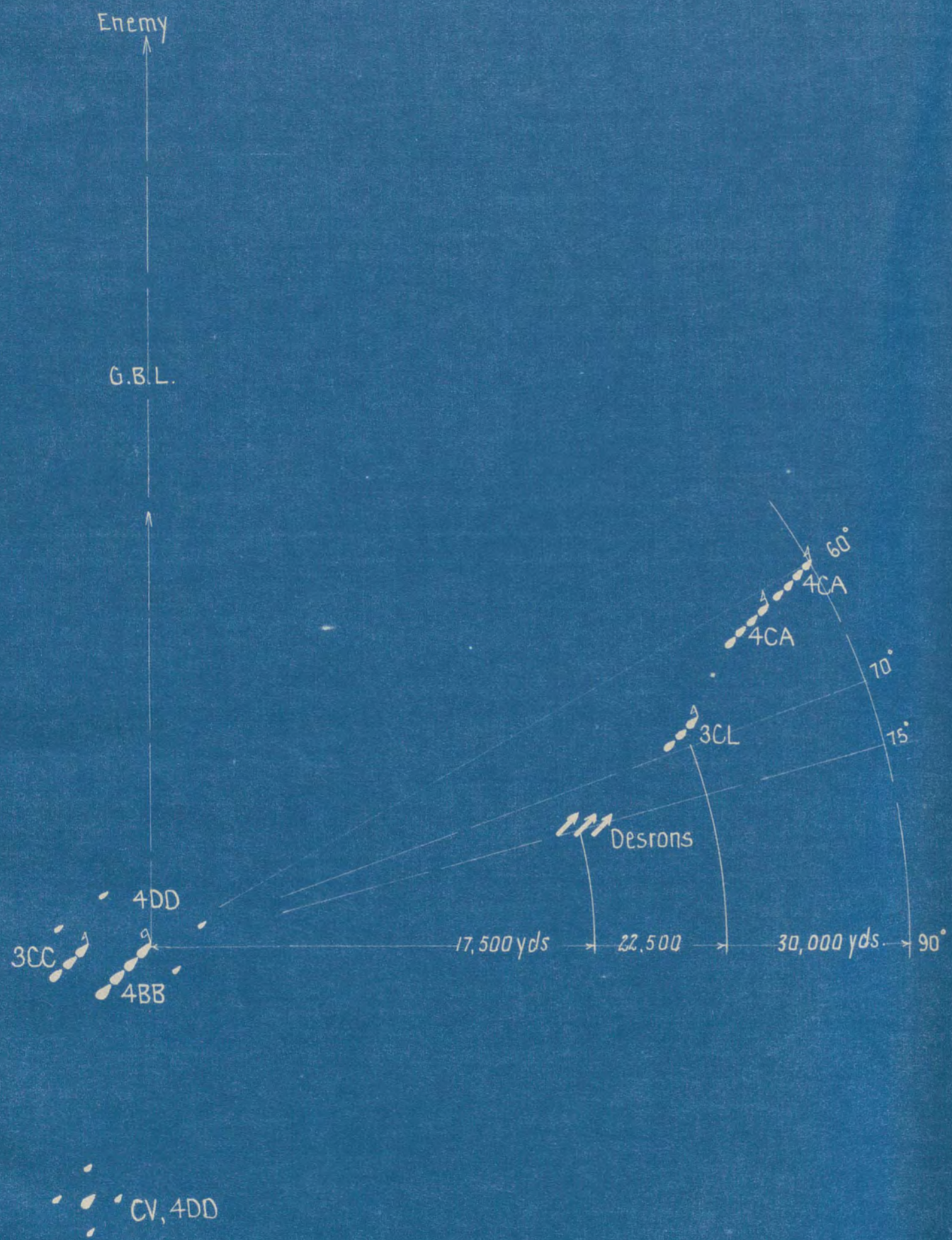
Distribution:

Task Group Commanders.
Unit Commanders.
Commanding Officers.

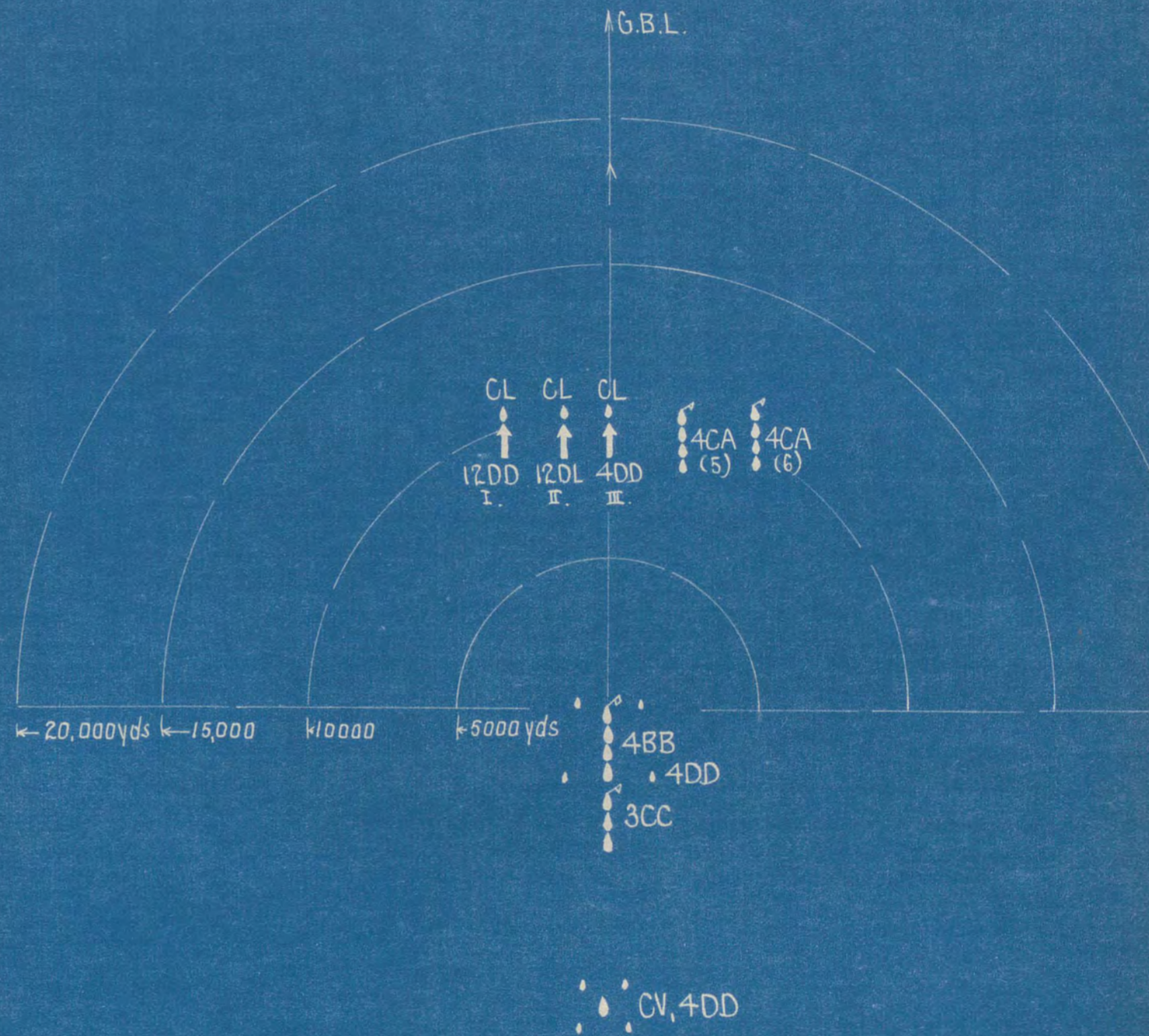
S
Commander,
Flag Secretary.



Tac. Prob. II. -1934 Sr.
ORANGE CRUISING DISPOSITION
 This is the Disposition at 0500, except that pickets are advanced 5 mi.

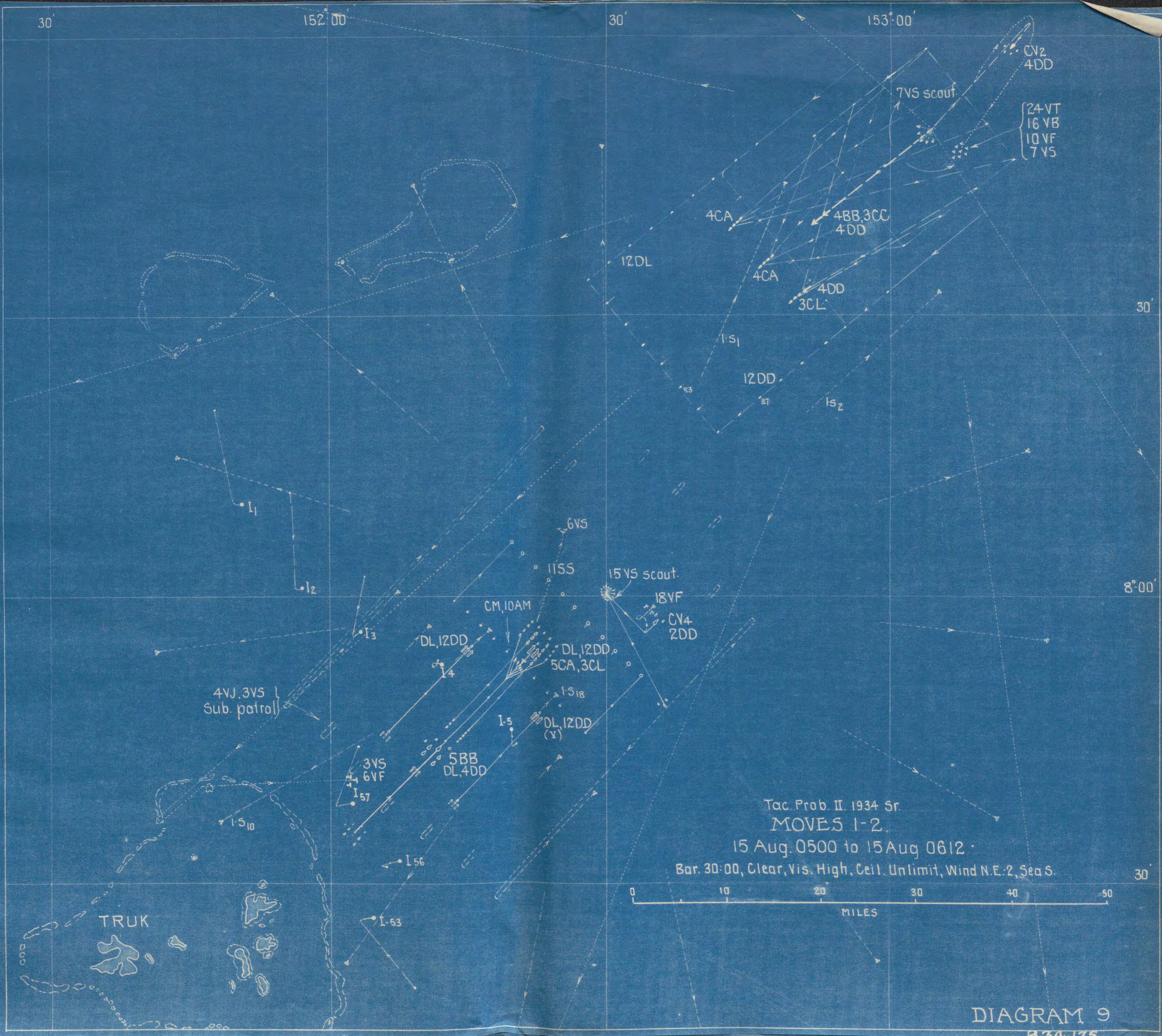


BATTLE DISPOSITION



APPROACH DISPOSITION

Tac. Prob. II - 1934 Sr.
ORANGE DISPOSITIONS



Tac. Prob. II. 1934 Sr.
MOVES 1-2
 15 Aug. 0500 to 15 Aug. 0612
 Bar. 30.00, Clear, Vis. High, Ceil. Unlimit, Wind N.E. 2, Sea S.



152°-00'

30'

153°-00'

18VB attack CV2 }
7VB lost
CV2 deck destroyed

CV2
4DD

18VT attack BBs }
9VT Blue } lost
11VS Orange }
BBz hit by IT.

11VB

6VP attack BBs }
4VP Blue } lost
5VS Orange }

6VS

4BB, 3CC
8DD

6VS

11VB

8CA

7VP

4VT
4VS

3CL
12DL, 12DD

VS

11SS

1-1

VS

1-2

9VT

5CA, 3CL
DL, 12DD

1-3

CM, 10AM
DL, 12DD

DL, 12DD

16VB, 10VF attack CV4 }
4VF Blue } lost
3VF, 5VB Orange }
CV4 deck destroyed

24VT, 9VS, 7VF attack BBs }
9VF Blue } lost
9VT, 4VS, 7VF Orange }
BB 37, 39, 41 each hit by IT.

1-5

DL, 12DD

5BB
DL, 4DD

BB42 hit by IT.

CV4
2DD

Tac. Prob II, 1934 Sr.
MOVES 5-6

15 Aug 0648 to 15 Aug. 0748

Bar. 30.00, Clear, Vis. High, Ceil. Unlimit, Wind. N.E.-2, Sea S.



DIAGRAM II

B-32-177

Tac. Prob. II 1934 Sr.
MOVES 7-9
 15 Aug. 0748 to 15 Aug 0812
 Bar. 30.00, Clear, Vis. High, Ceil. Unlimit, Wind NE-2, Sea S.

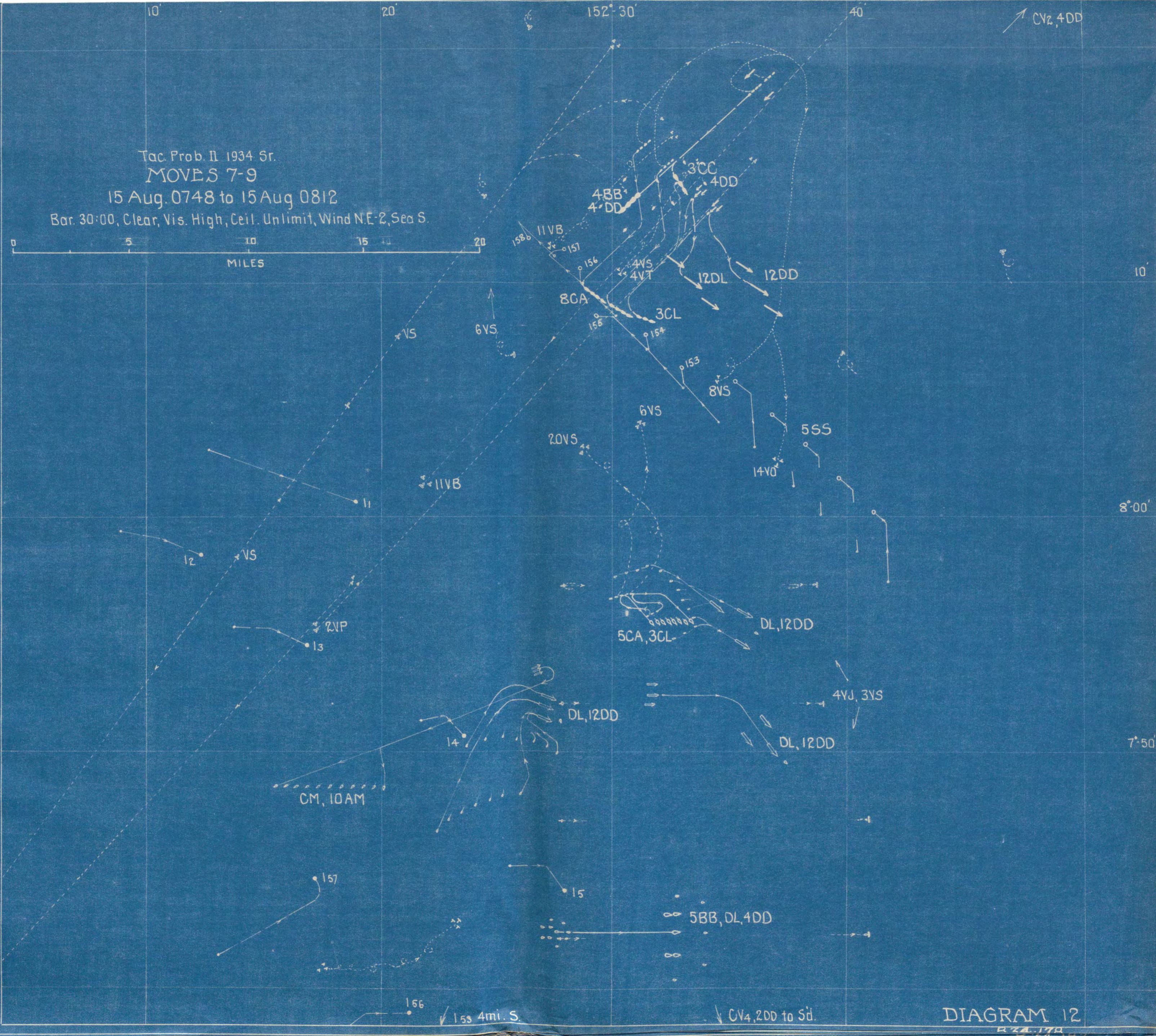
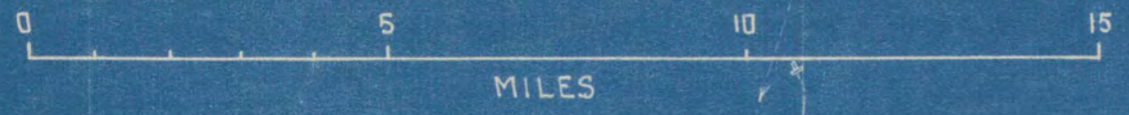


DIAGRAM 12

Tac. Prob. II 1934 Sr.
MOVES 10-15
 15 Aug. 0812 to 15 Aug 0833
 Bar. 30.00, Clear, Vis. High, Ceil. Unlimit, Wind N.E. 2, Sea.S.



CV2, 4DD



DIAGRAM 13

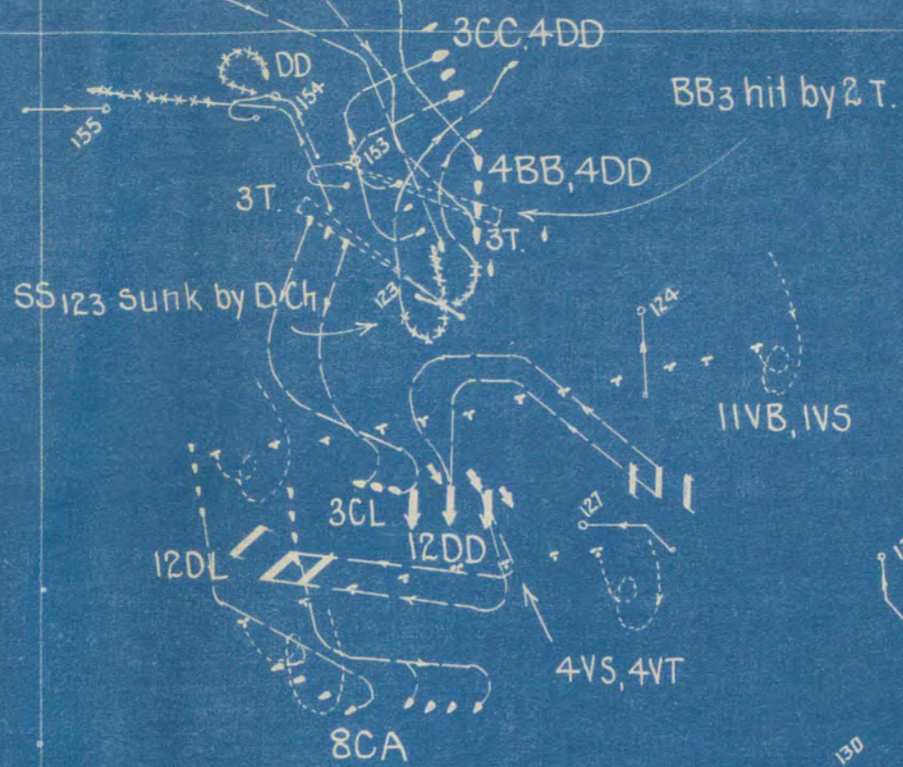
152°-20'

152°-40'

CV2, 4DD

10'

Tac. Prob. II. 1934 Sr.
MOVES 16-19
 15 Aug. 0833 to 15 Aug 0845
 Bar. 30.00, Clear, Vis. High, Cerl. Unlimit, Wind N.E.:2, Sea S.



8°00'

11

6VS spot

6VS spot

12

8VS spot

13

15VO spot.

14 VO spot

10AM

14

DL, 12DD

3CL

7°50'

5CA

5BB
DL, 4DD

DL, 12DD

DL, 12DD

157

1-5

CM4

4VJ, 3VS to Truk

CV4, 2DD

DIAGRAM 14

B-34-180

Tac. Prob. II, 1934 Sr.
MOVES 20-25
 15 Aug. 0845 to 15 Aug 0903
 Bar. 30.00, Clear, Vis. High, Ceil. Unlimit, Wind N.E-2, Sea S.

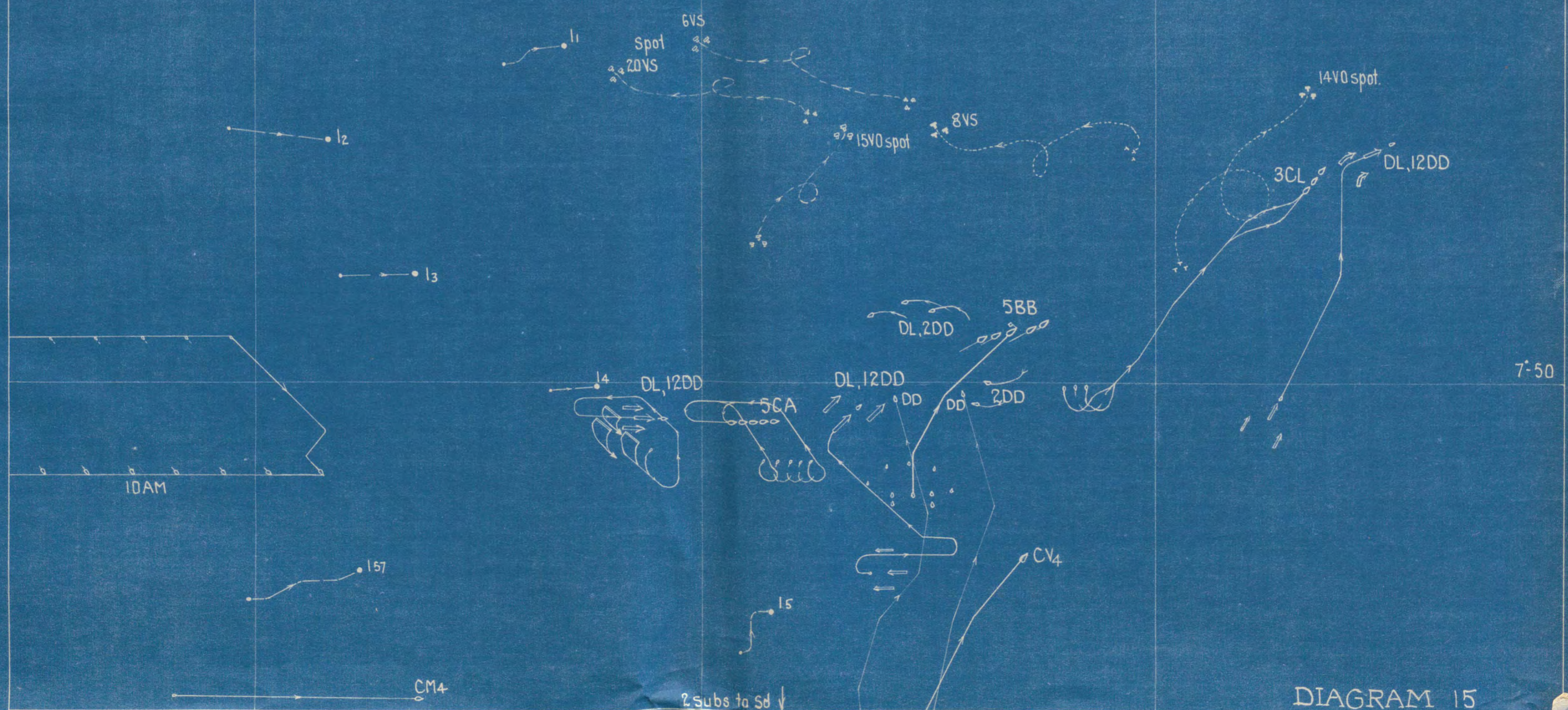
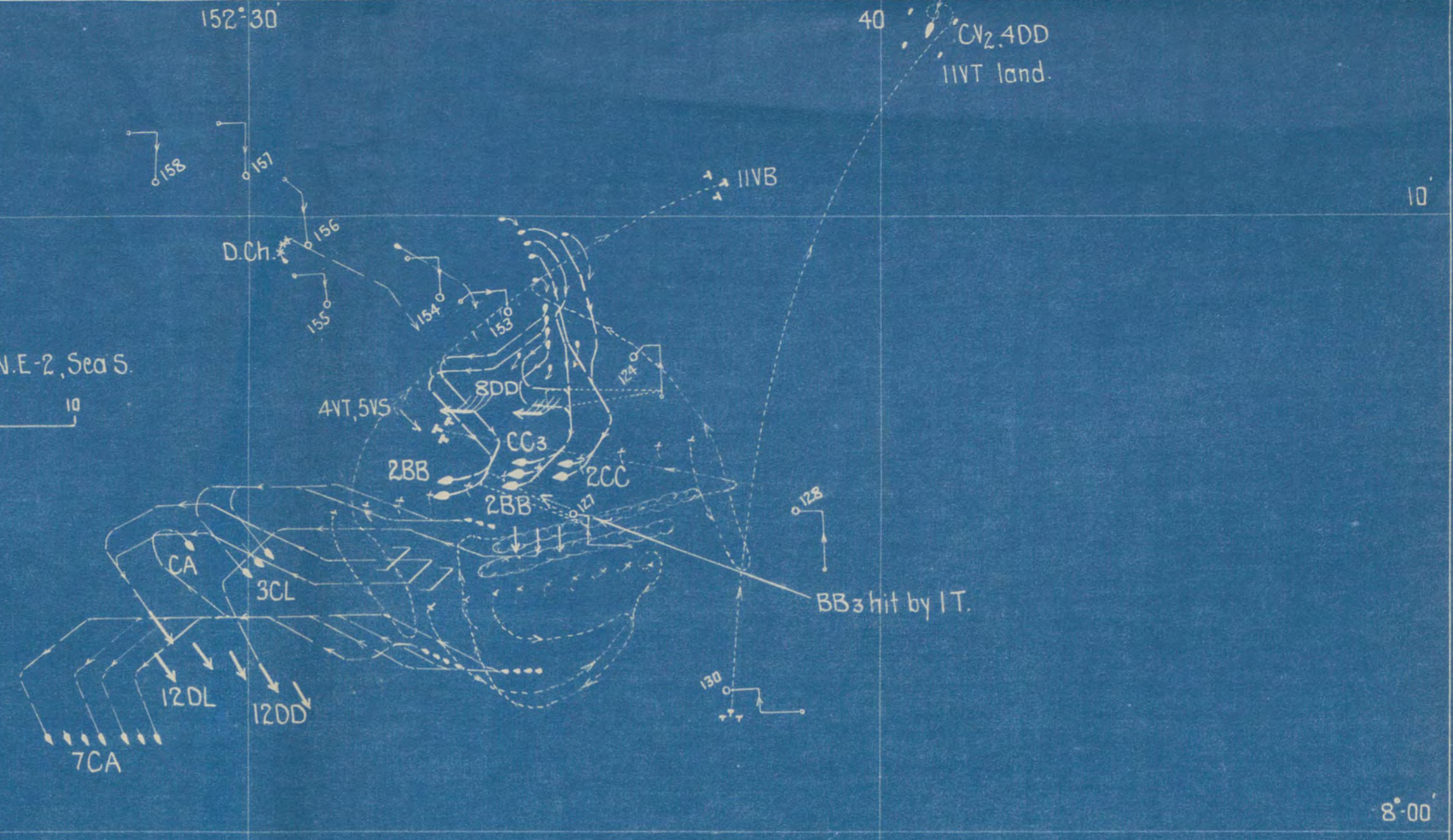
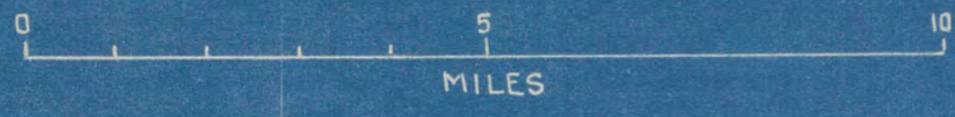
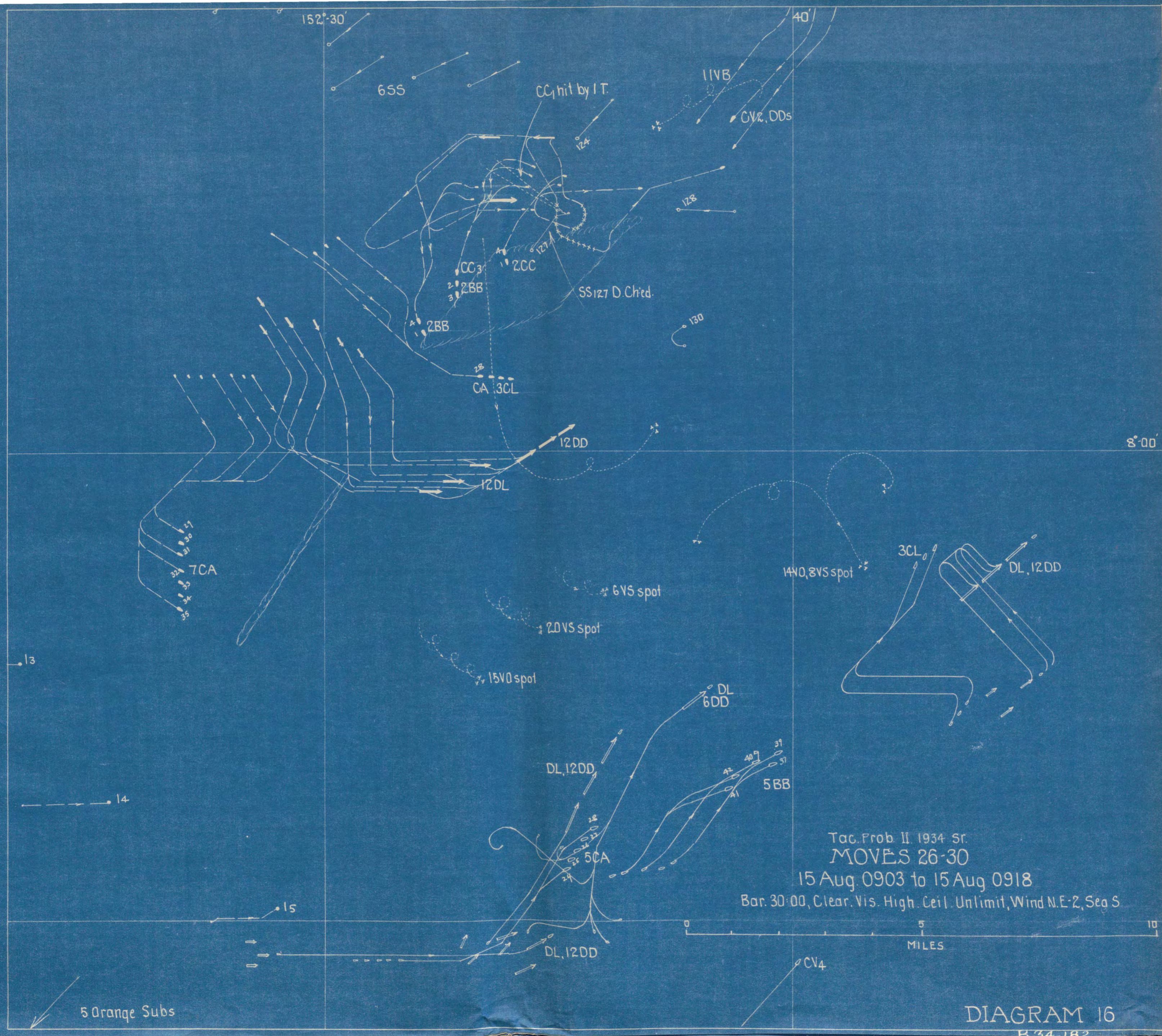


DIAGRAM 15
 B34-181



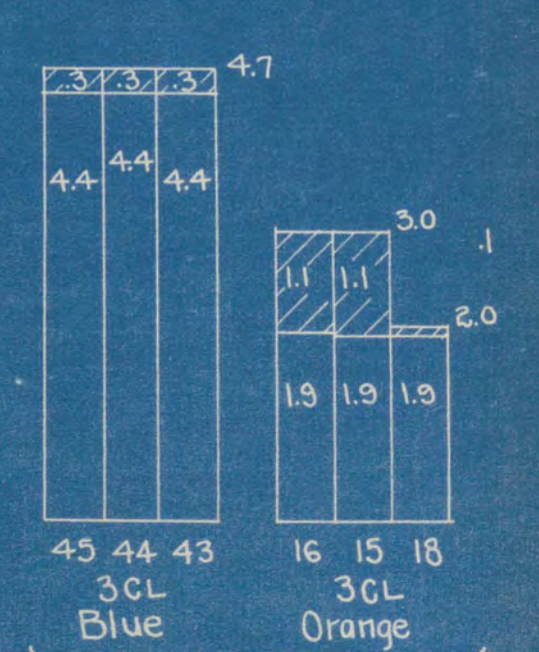
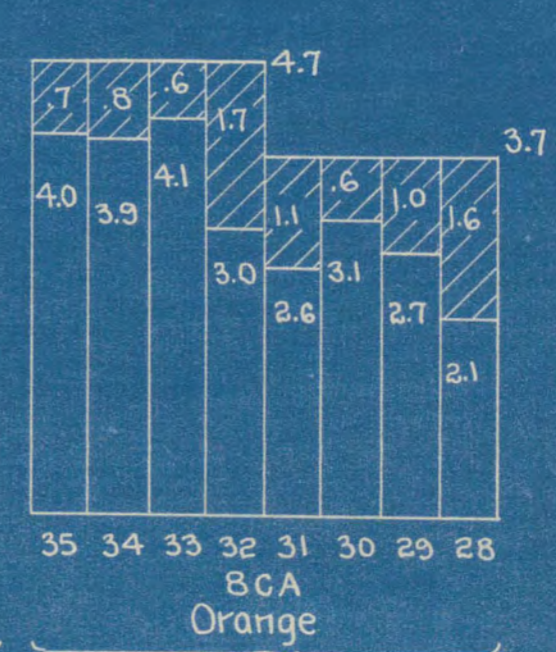
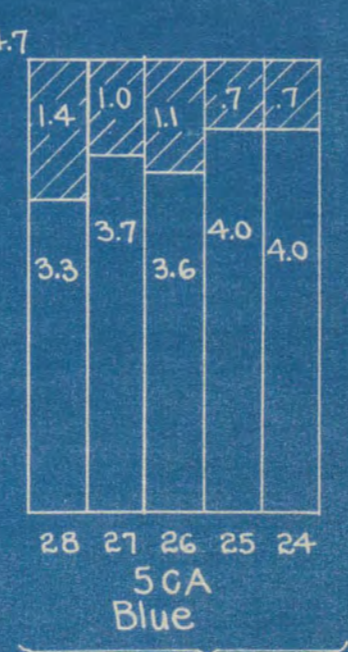
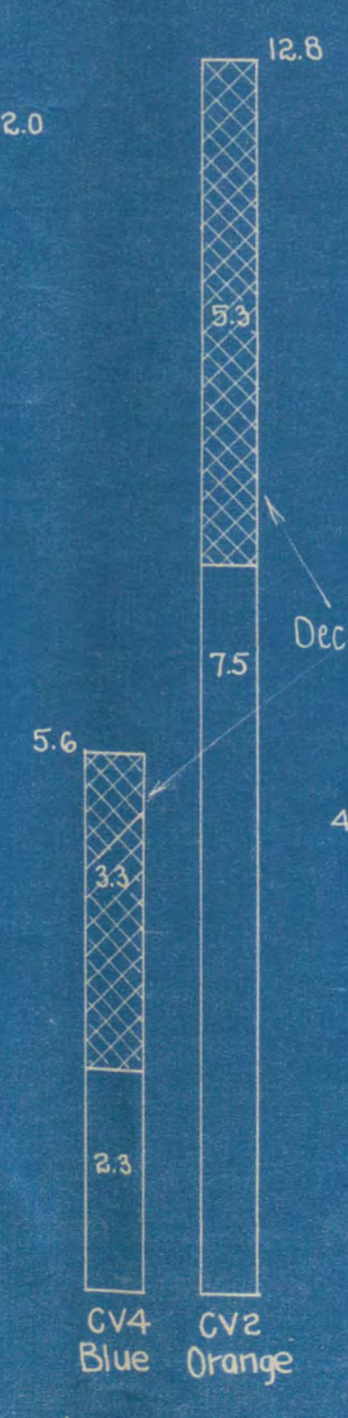
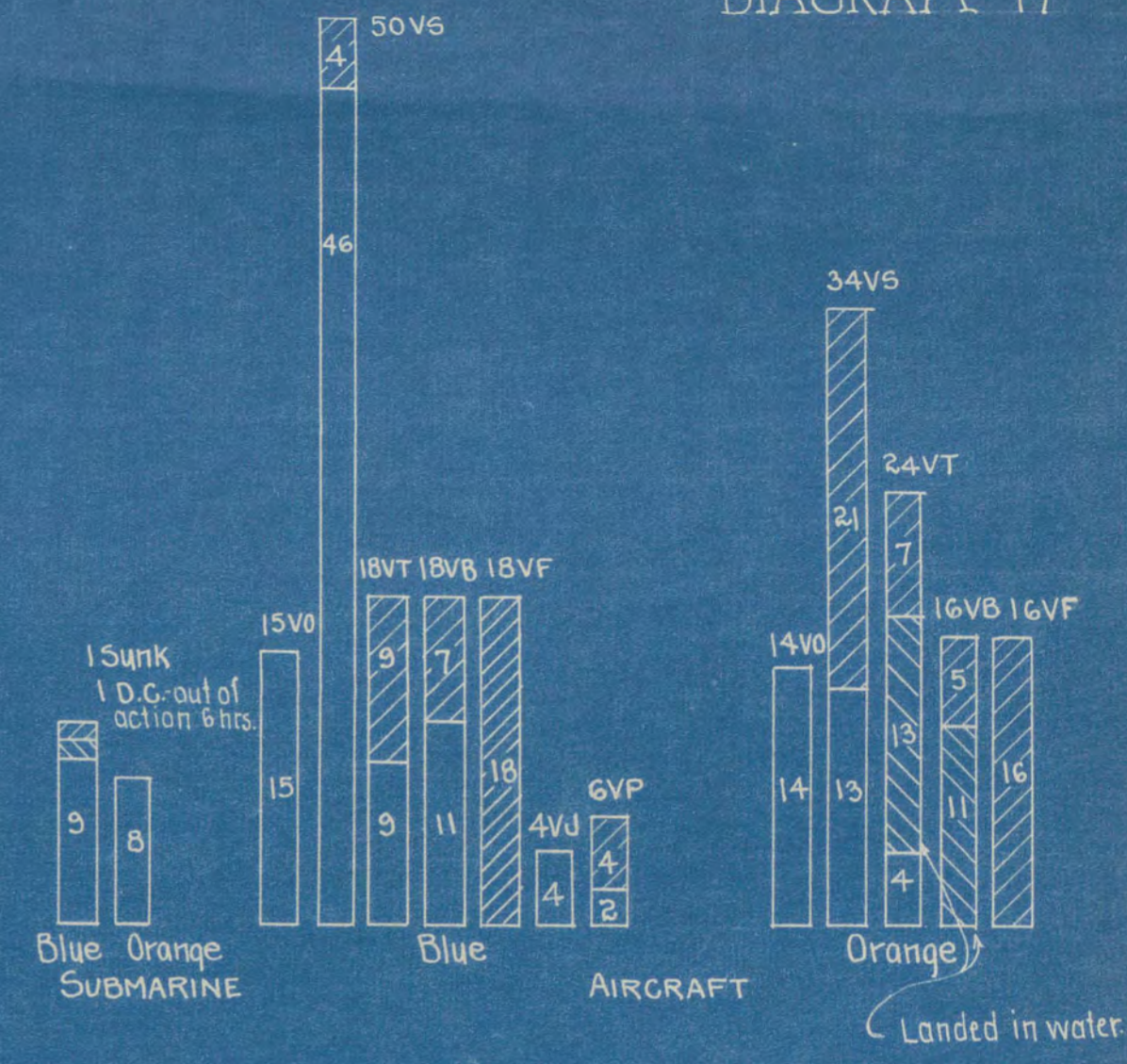
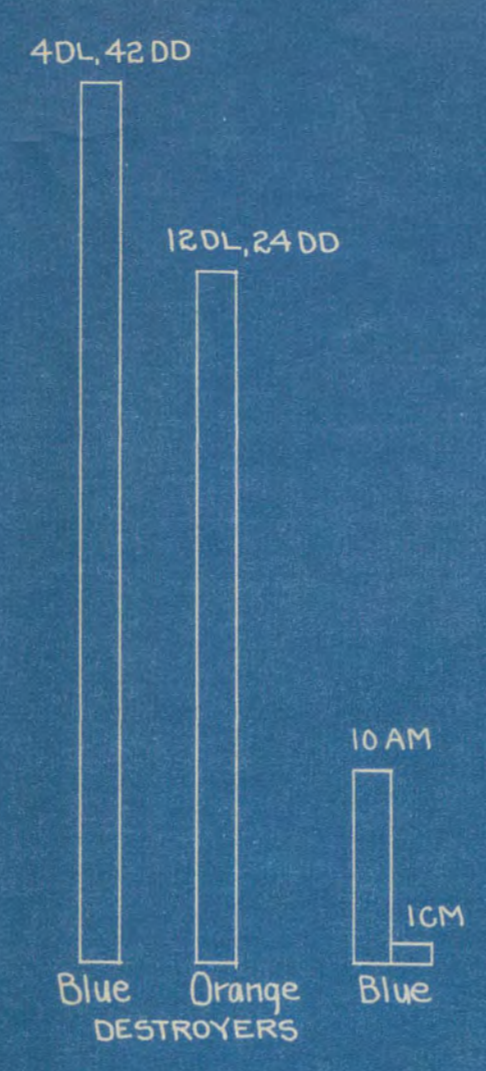
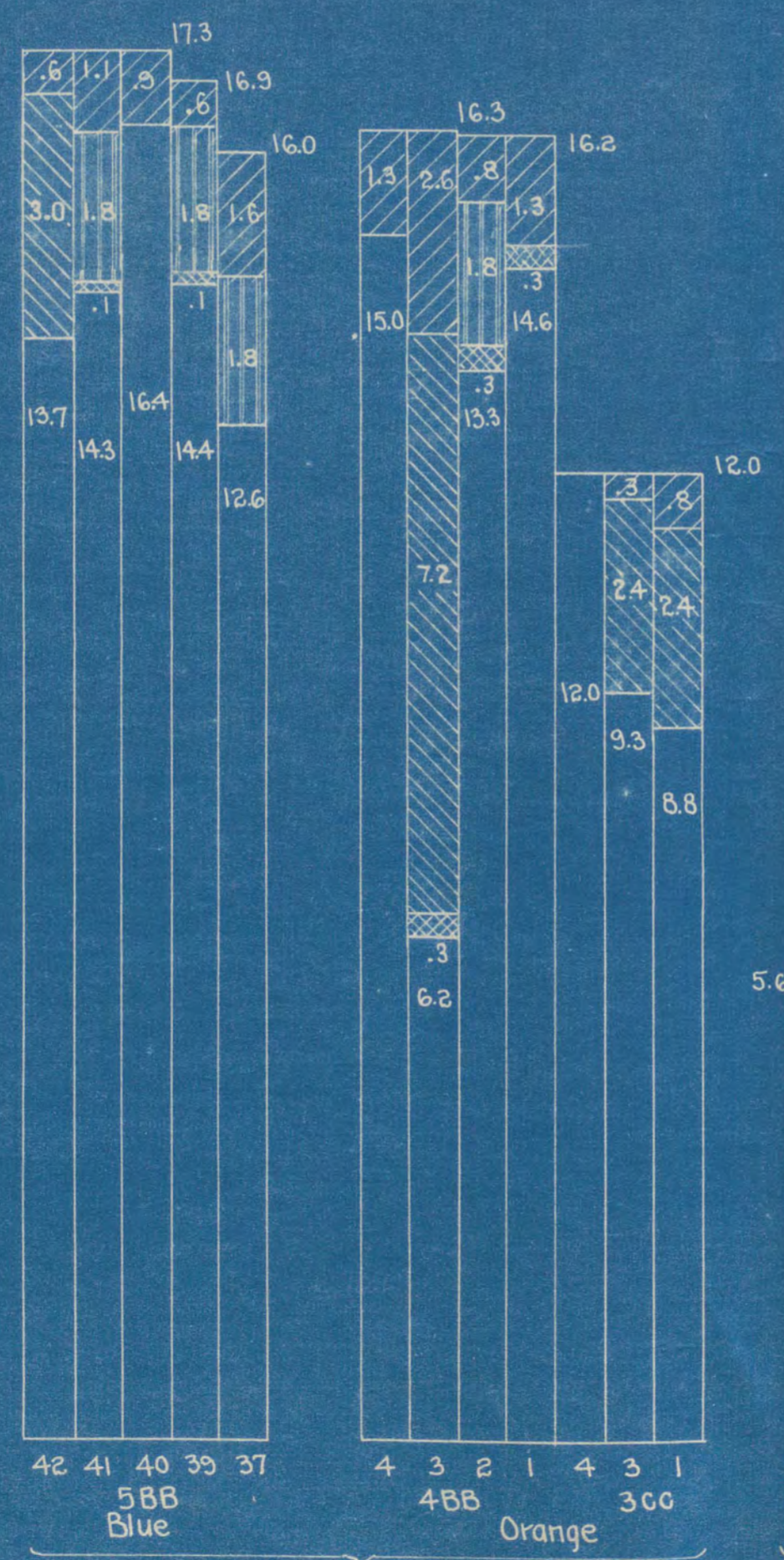
Tac. Prob II. 1934 Sr.
MOVES 26-30
 15 Aug. 0903 to 15 Aug 0918
 Bar. 30.00, Clear. Vis. High. Ceil. Unlimit, Wind N.E.-2, Sea S

DIAGRAM 16

R 34 182



- Gunfire
- Sub. Torps
- Air. Torps
- Bombs



Tac. Prob. II 1934 Sr.
DAMAGE SUSTAINED & LIFE REMAINING
 0915 15 Aug. (End of move 29)

CAPITAL SHIPS CARRIERS HEAVY CRUISERS LIGHT CRUISERS

Tac. Prob. II - 1934 Sr.
 AMMUNITION EXPENDITURE

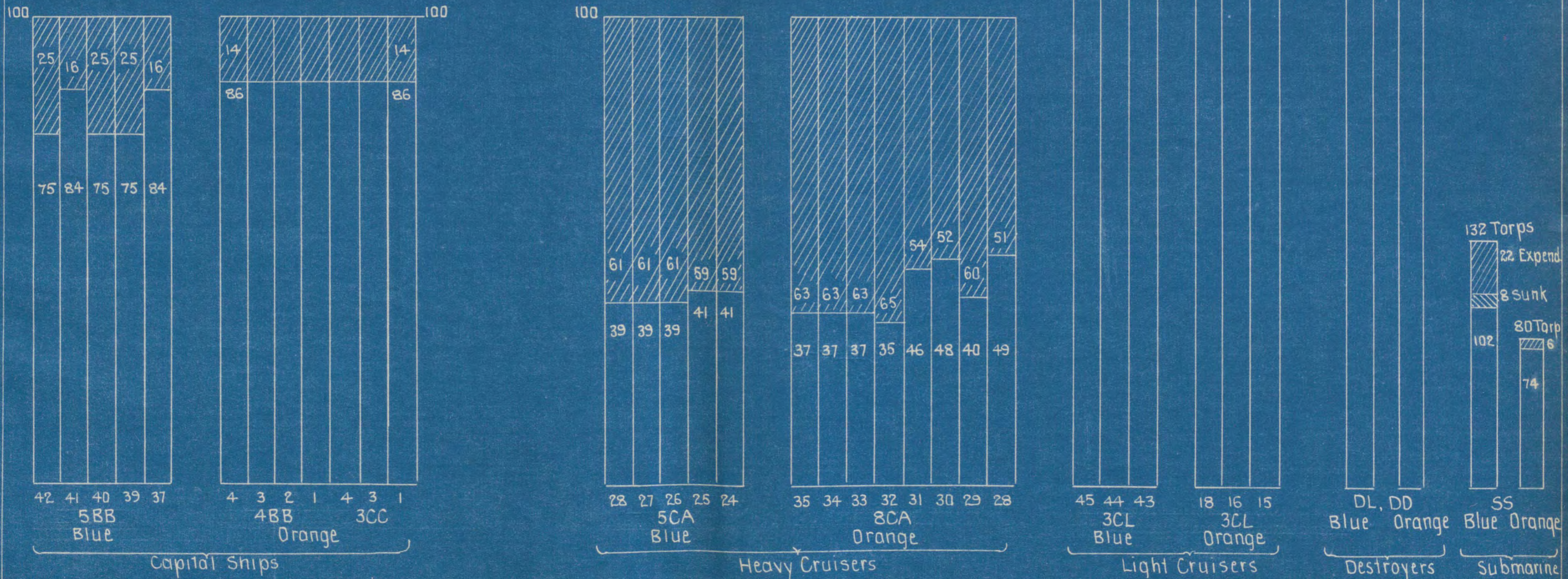


DIAGRAM 18

BLUE			ORANGE			
Unit	% Damage	Remaining Speed	TYPE	Unit	% Damage	Remaining Speed
BB42	21	17.4	BB	BB 4	8	23.0
BB 41	18	19.0		BB 3	62	12.7
BB 40	5	21.0		BB 2	18	19.8
BB 39	15	19.0		BB 1	10	22.3
BB 37	21	18.5				
			CC	CC 4	0	26.
				CC 3	22	20.8
				CC 1	27	22.0
CV 4	58	20	CV	CY 2	41	24.2
CA 28	31	29.3	CA	CA 35	16	33.0
27	21	32.5		34	17	33.0
26	25	32.5		33	12	33.0
25	15	32.5		32	36	29.7
24	15	32.5		31	30	29.7
				30	16	33.0
				29	27	33.0
				28	44	29.7
CL 45	6	32.5	CL	CL 18	5	33.0
44	6	32.5		16	36	29.7
43	6	32.5		15	36	29.7
4DL, 4ZDD		full	DL, DD	12DL, 24DD		full
1155	1 sunk	full	SS	81	None	full

Tac. Prob. II-1934 Sr.
 CONDITION OF THE FLEETS 0918 15 Aug.

B.34-185

DIAGRAM 19