FOR OFFICIAL USE ONLY

DECK LOG-TITLE PAGE
NAVPERS 716 (Rev. 4-56)

DECK LOG BOOK

OF THE

U.S.S. MULLINNIX

DD-944
IDENTIFICATION NUMBER

COMMANDED BY

R. S. TISDALE, CDR, U. S. N.

Attached to
- 321 Division,
- 32 Squadron,
- 4 Flotilla,
- Atlantic Fleet,
- FIFTH Naval District,

Commencing 0001, 1 DECEMBER, 1963,
(zone time and date)

at 36°-51' (N), 76 -18' (W),
(location)

and ending 2400, 31 DECEMBER, 1963,
(zone time and date)

at NORFOLK, VIRGINIA
(location)

TO BE FORWARDED DIRECT TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

B-68074

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Sunday 1 December, 19 63
(Day) (Date) (Month)

00-04 Moored port side to U.S.S. SIERRA (AD-18), berth 202, pier 20. Destroyer-Submarine Piers, Norfolk, Virginia. Moored with standard mooring lines doubled, and wire fore and aft. Receiving all services from the pier. The ship is moored in a nest of four (4) ships with the U.S.S. DOUGLAS H. FOX (DD-779), and U.S.S. SOLEY (DD-707) starboard side to. Other ships present include various units of the ATLANTIC FLEET, and yard and district craft. Material Condition Yoke and Readiness Condition Six are set throughout the ship. COMDESRON 32 is embarked in this ship. SOPA is COMSECONDFLT.

J. M. Capra
J. M. CAPRA
ENS USNR

04-08 Moored as before.

J. M. Capra
J. M. CAPRA
ENS USNR

08-12 Moored as before. 0745 Mustered on station; absentees, BOENGLE, C. NMN, 523 11 89, SN, USN. 0820 Moved camel from Starboard quarter to Port side amidships due to heavy wind. 0940 Received magazine and powder temperature reports, condition normal.

J. M. Capra
J. M. CAPRA
ENS USNR

12-16 Moored as before.

J. M. Capra
J. M. CAPRA
ENS USNR

16-20 Moored as before. 1840 BEAUCIN, R. N., 685 37 54, SOGSN, USN, reported on board for duty.

J. M. Capra
J. M. CAPRA
ENS USNR

20-24 Moored as before.

J. M. Capra
J. M. CAPRA
ENS USNR

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 19-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 1 DEC 1963

AT/~~PASSAGE FROM~~ D+S PIERS, NORVA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

SOPA

SIERRA (AD-18)

See USS

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

A. J. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Monday 2 December, 19 63
(Day) (Date) (Month)

00-04 Moored port side to U.S.S. SIERRA, (AD-18), berth 202, pier 20, Destroyer-Submarine Piers, Norfolk, Virginia. Moored with standard lines doubled, and wire out fore and aft. Receiving all services from the pier. The ship is in a nest of four (4) ships with the U.S.S. DOUGLAS H. FOX (DD-779) and U.S.S. SOLEY (DD-707) starboard side to. Other ships present include various units of the ATLANTIC FLEET, yard and district craft. Material Condition Yoke and Readiness Condition Six (6) are set thoughout the ship. COMDESRON 32 is embarked in this ship. SOPA is COMSECONDFLT.

J. M. Capra
J. M. CAPRA
ENS USNR

04-08 Moored as before.

J. M. Capra
J. M. CAPRA
ENS USNR

08-12 Moored as before. 0800 Mustered crew at Quarters. Absentees; none. 1000 Made daily inspection of magazine and Smokeless Powder Samples; condition, normal.

J. M. Capra
J. M. CAPRA
ENS USNR

12-16 Moored as before.

J. M. Capra
J. M. CAPRA
ENS USNR

16-20 Moored as before.

J. M. Capra
J. M. CAPRA
ENS USNR

20-24 Moored as before.

J. M. Capra
J. M. CAPRA
ENS USNR

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 19-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 2 DEC 1963

AT ~~PASSAGE FROM~~ D+S PIERS NORVA ~~TO~~

TABLE I

ZONE TIME	WIND		VISIBILITY	WEATHER	BAROMETER	TEMPERATURE		CLOUDS			SEA WATER TEMPERATURE	WAVES	
	DIRECTION (True)	FORCE (Knots)	(Miles)	(Symbols)	(Inches)	Dry Bulb	Wet Bulb	Amount (Tenths)	Height	Type		DIRECTION (True)	HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
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15													
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17													
18													
19													
20													
21													
22													
23													
24													

USS SIERRA (AD 18) SOPA

See

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week	POSITION OF SHIP			TIME	Total Cloud Amt.	WIND		Visibility	WEATHER		PRESSURE	Air Temp.	CLOUDS				
		Octant	Latitude	Longitude	GMT		Direction	Speed		Present	Past	Barometer Corrected		Amount of C_L Clouds (Coded)	Type C_L (0-9)	Height C_L Clouds (Coded)	Type C_M (0-9)	Type C_H (0-9)
	(1-7) (GMT)	(0-3, 5-8)	(Degrees and tenths)	(Degrees and tenths)		(Coded)	(True) (00-36)	(True) (Knots)	(90-99)	(00-99)	(0-9)	(mb)	(°F)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND.		SIGNIFICANT CLOUD				Indicator	Diff. Sea Air	Dew Point	WAVES				WAVES				ICE				
		Characteristic (0-9)	Amount Change (mb and tenths)	Indicator	Amount (Eights)	Type	Height		°F	°F	Indicator	Direction (00-36)	Period	Height	Indicator	Direction (00-36)	Period	HEIGHT	Kind	Effect	Bearing	Distance	Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

[signature] LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Tuesday 3 December 19 63
(Day) (Date) (Month)

00-04 Moored portside to U.S.S. SIERRA (AD-18), berth 202, pier 20, Destroyer-Submarine Piers, Norfolk, Virginia, with standard destroyer mooring lines doubled and a wire out fore and aft. Number two (2) ABLE boiler on the line, number three(3) and four (4) ship's service generators on the line. Receiving miscellaneous services from the SIERRA. Other ships present include U.S.S. DOUGLAS H. FOX (DD-779) outboard to starboard, and various units of the U.S. ATLANTIC FLEET, yard and district craft. Material Condition Yoke and Condition Readiness Six (6) are set throughout the ship. SOPA is COMSUBLANT.

A. J. KOPPER
ENS USNR

04-08 Moored as before.

A. J. KOPPER
ENS USNR

08-12 Moored as before. 0745 Mustered the crew at Quarters. Absentees: MOORE, EDWARD, 683 89 11, FTGSN, USN, AWOL since 0730 Monday 2 December 1963. 1020 Received daily Magazine temperature reports: Conditions normal.

A. J. KOPPER
ENS USNR

12-16 Moored as before. 1350 LT. LEROY D. ISRAELSON, USN, returned to the ship from twelve(12) days annual leave.

A. J. KOPPER
ENS USNR

16-20 Moored as before.

A. J. KOPPER
ENS USNR

20-24 Moored as before.

A. J. KOPPER
ENS USNR

APPROVED: R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD944 ZONE DESCRIPTION +5TR DATE 3 DEC 19 63

AT ~~PASSAGE FROM~~ DTS Piers Norfolk TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
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17													
18													
19													
20													
21													
22													
23													
24													

SIERRA (AD-18) SOPA

USS

See

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Wednesday 4 December, 19 63
(Day) (Date) (Month)

00-04 Moored portside to U.S.S. SIERRA (AD-18), berth 202, pier 20, Destroyer-Submarine Piers, Norfolk Naval Shipyard, Norfolk, Virginia, with standard destroyer mooring lines doubled, a wire out fore and aft, and the starboard anchor underfoot. Number two (2) AFLE boiler and number three (3) and four (4) ships service generators are on the line. Receiving miscellaneous services from the SIERRA. Moored in a nest of four (4) ships outboard to starboard of the SIERRA with the U.S.S. FOX (DD-779), U.S.S. WALLER (DD-466) and U.S.S. CONWAY (DD-507) outboard to starboard. Other ships present include various units of the U.S. ATLANTIC FLEET, yard and district craft. Material Condition Yoke and Condition Readiness Six (6) are set throughout the ship. SOPA is COMSUBLANT. 0035 MOORE, EDWARD, 683 89 11, FTGSN, USN, reported on board after having been AWOL since 0730 Monday 2 December 1963 and after turning himself in to the U.S. NAVAL RECRUITING STATION, CHICAGO, ILLINOIS, at 1500 Tuesday 3 December 1963.

AJKopper
A. J. KOPPER
ENS USNR

04-08 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

08-12 Moored as before. 0930 Received daily Magazine temperature reports, conditions: normal. 0745 Mustered the crew at Quarters. Absentees: None.

AJKopper
A. J. KOPPER
ENS USNR

12-16 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

16-20 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

20-24 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

APPROVED:

RSTisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

RFWilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD944 ZONE DESCRIPTION +5 DATE 4 DEC 1963

AT/~~PASSAGE FROM~~ DYS PIERS NORFOLK ~~TO~~

TABLE I

ZONE TIME	WIND		VISIBILITY	WEATHER	BAROMETER	TEMPERATURE		CLOUDS			SEA WATER TEMPERATURE	WAVES	
	DIRECTION (True)	FORCE (Knots)	(Miles)	(Symbols)	(Inches)	Dry Bulb	Wet Bulb	Amount (Tenths)	Height	Type		DIRECTION (True)	HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
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21													
22													
23													
24													

Not SERVICE SHIP-SEE SIERRA (AD-18) SOPA USS

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week	POSITION OF SHIP			TIME	Total Cloud Amt.	WIND		Visibility	WEATHER		PRESSURE	Air Temp.	CLOUDS				
		Octant	Latitude	Longitude	GMT		Direction	Speed		Present	Past	Barometer Corrected		Amount of C_L Clouds (Coded)	Type C_L (0-9)	Height C_L Clouds (Coded)	Type C_M (0-9)	Type C_H (0-9)
	(1-7) (GMT)	(0-3, 5-8)	(Degrees and tenths)	(Degrees and tenths)		(Coded)	(True) (00-36)	(True) (Knots)	(90-99)	(00-99)	(0-9)	(mb)	(°F)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND.		SIGNIFICANT CLOUD				Indicator	Diff. Sea Air	Dew Point	WAVES				WAVES				ICE				
		Characteristic (0-9)	Amount Change (mb and tenths)	Indicator	Amount (Eights)	Type	Height		°F	°F	Indicator	Direction (00-36)	Period	Height	Indicator	Direction (00-36)	Period	HEIGHT	Kind	Effect	Bearing	Distance	Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

[signature] LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Thrusday 5 December, 19 63
(Day) (Date) (Month)

00-04 Moored portside to U.S.S. SIERRA (AD-18), berth 202, pier 20, Destroyer-Submarine Piers, Norfolk Naval Base, Norfolk, Virginia, with standard destroyer mooring lines doubled, a wire out fore and aft and the starboard anchor underfoot. Number two (2) ABLE boiler and number three (3) and four (4) ships service generators on the line. Receiving miscellaneous services from the SIERRA. Moored in a nest of four (4) ships outboard to starboard of the SIERRA with the U.S.S. FOX (DD-779), U.S.S. WALLER (DD-466), and U.S.S. CONWAY (DD-507) outboard to starboard. Other ships present include various units of the U.S. ATLANTIC FLEET yard and district craft. Material Condition Yoke and Condition Readiness Six (6) are set throughout the ship. SOPA IS COMSUBLANT.

AJKopper
A. J. KOPPER
ENS USNR

04-08 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

08-12 Moored as before. 0745 Mustered the crew at Quarters, absentees: None. 0925 Received daily magazine temperature reports, conditions: normal.

AJKopper
A. J. KOPPER
ENS USNR

12-16 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

16-20 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

20-24 Moored as before.

AJKopper
A. J. KOPPER
ENS USNR

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD 944 ZONE DESCRIPTION +5R DATE 5 DEC 19 63

~~AT/PASSAGE FROM~~ DYS PIERS, NORVA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

SENIOR SHIP - SIERRA (AD-18) SOPA

SEE USS

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Friday 6 December 19 63
(Day) (Date) (Month)

00-04 Moored portside to the U.S.S. SIERRA (AD-18) in birth 202, pier 20, Destroyer-Submarine, Piers, Norfolk, Virginia, with standard mooring lines doubled, wire out fore and aft, and the starboard anchor underfoot. Moored in a nest of four (4) ships with the U.S.S. D. H. FOX (DD-779), U.S.S. WALLER (DD-466) and the U.S.S. CONWAY (DD507) outboard to starboard in that order. Other ships present includes units of the U.S. ATLANTIC FLEET, yard and district craft. 2A boiler and three (3) and four (4) ship's service generators are on the line. Receiving fresh water and telephone services from the pier. Material Condition Yoke and Condition Readiness Six (6) are set throughout the ship. SOPA is COMDESRON 32 is embarked in this vessel.

G. S. GLADDING
LTJG USN

04-08 Moored as before.

G. S. GLADDING
LTJG USN

08-12 Moored as before. 0750 Mustered the crew at Quarters: Absentees, none. 1000 Made daily inspections of magazines and smokeless powder samples; conditions normal. Made weekly inspections of magazines sprinkling systems and degaussing system, conditions satisfactory.

G. S. GLADDING
LTJG USN

12-16 Moored as before. 1215 Commenced receiving fuel from the pier. 1300 Completed receiving fuel, having received 12540 gallons on board.

G. S. GLADDING
LTJG USN

16-20 Moored as before.

G. S. GLADDING
LTJG USN

20-24 Moored as before.

G. S. GLADDING
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD944 ZONE DESCRIPTION +5R DATE 6 DEC 19 63

~~AT/PASSAGE FROM~~ Dt S PIERS NORVA TO

TABLE I

ZONE TIME	WIND		VISIBILITY	WEATHER	BAROMETER	TEMPERATURE		CLOUDS			SEA WATER TEMPERATURE	WAVES	
	DIRECTION (True)	FORCE (Knots)	(Miles)	(Symbols)	(Inches)	Dry Bulb	Wet Bulb	Amount (Tenths)	Height	Type		DIRECTION (True)	HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
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18													
19													
20													
21													
22													
23													
24													

SIERRA (AD-18) SOPA

USS SHIP

SEE SENIOR

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week	POSITION OF SHIP			TIME	Total Cloud Amt.	WIND		Visibility	WEATHER		PRESSURE	Air Temp.	CLOUDS				
		Octant	Latitude	Longitude			Direction	Speed		Present	Past	Barometer Corrected		Amount of Clouds (Coded)	Type C_L (0-9)	Height C_L Clouds (Coded)	Type C_M (0-9)	Type C_H (0-9)
	(1-7) (GMT)	(0-3, 5-8)	(Degrees and tenths)	(Degrees and tenths)	GMT	(Coded)	(True) (00-36)	(True) (Knots)	(90-99)	(00-99)	(0-9)	(mb)	(°F)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND.		SIGNIFICANT CLOUD				Indicator	Diff. Sea Air	Dew Point	WAVES				WAVES				ICE				
		Characteristic (0-9)	Amount Change (mb and tenths)	Indicator	Amount (Eights)	Type	Height		°F	°F	Indicator	Direction (00-36)	Period	Height	Indicator	Direction (00-36)	Period	HEIGHT	Kind	Effect	Bearing	Distance	Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

G. R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Saturday 7 December 19 63
(Day) (Date) (Month)

00-04 Moored port side to the U.S.S. SIERRA (AD-18), in birth 202, pier 20, Destroyer-Submarine Piers, Norfolk, Virginia, with standard mooring lines doubled, wire out fore and aft, and the starboard anchor underfoot. Moored in a nest of four (4) ships with the U.S.S. D. H. FOX (DD-779), U.S.S. WALLER (DD-466) and the U.S.S. CONWAY (DD-507) outboard to starboard in that order. Other ships present include various units of the U.S. ATLANTIC FLEET , yard and district craft. 2A boiler and three(3) and four (4) ships service generators are on the line. Receiving fresh water and telephone services from the pier. Material Condition Yoke and Condition Rediness Six (6) are set throughout the ship. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

G. S. GLADDING
LTJG USN

04-08 Moored as before.

G. S. GLADDING
LTJG USN

08-12 Moored as before. 0750 Mustered the crew on station; absentees, none. 1000 Made daily inspection of magazine and smokeless powder samples; conditions normal.

G. S. GLADDING
LTJG USN

12-16 Moored as before.

G. S. GLADDING
LTJG USN

16-20 Moored as before. 1633 Lighted fires under 1A boiler. 1828 Secured fires under 1A boiler.

G. S. GLADDING
LTJG USN

20-24 Moored as before.

G. S. GLADDING
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 19-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____ _____, 19____

(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED: EXAMINED:

_____ U. S. N. COMMANDING. _____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O-408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD944 ZONE DESCRIPTION +5R DATE 7 DEC 19 63

~~AT/PASSAGE FROM~~ DYS PIERS NORVA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
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14													
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16													
17													
18													
19													
20													
21													
22													
23													
24													

SEE USS SIERRA AD-18 SEA TOR SORA SHIP

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

G. T. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Sunday 8 December 19 63
(Day) (Date) (Month)

00-04 Moored port side to the U.S.S. SIERRA (AD-18) in berth 202, pier 20, Destroyer-Submarine Piers, Norfolk, Virginia, with standard mooring lines doubled, wire out fore and aft, and the starboard anchor underfoot. Moored in a nest of four ships with the U.S.S. D. H. FOX (DD-779), U.S.S. WALLER (DD-466), and the U.S.S. CONWAY (DD-507) outboard to starboard in that order. Other ships present include various units of the U.S. ATLANTIC FLEET, yard, and district craft. 2A boiler and three (3) and four (4) ships service generators are on the line. Receiving fresh water and telephone services from the pier. Material Condition Yoke and Condition of Readiness Six are set throughout the ship. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

G. S. GLADDING
LTJG USN

04-08 Moored as before.

R. B. BACHMAN
ENS (SC) USNR

08-12 Moored as before. 0750 Mustered the crew on station. Absentees: None. 1000 Made daily inspection of magazines and smokeless powder samples. Condition: Normal.

R. B. BACHMAN
ENS (SC) USNR

12-16 Moored as before.

R. B. BACHMAN
ENS (SC) USNR

16-20 Moored as before.

R. B. BACHMAN
ENS (SC) USNR

20-24 Moored as before.

R. B. BACHMAN
ENS (SC) USNR

APPROVED: R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD944 ZONE DESCRIPTION 75R DATE 8 DEC 19 63

AT/~~PASSAGE FROM~~ D+S PIERS NORVA ~~TO~~

TABLE I

ZONE TIME	WIND		VISIBILITY	WEATHER	BAROMETER	TEMPERATURE		CLOUDS			SEA WATER TEMPERATURE	WAVES	
	DIRECTION (True)	FORCE (Knots)	(Miles)	(Symbols)	(Inches)	Dry Bulb	Wet Bulb	Amount (Tenths)	Height	Type		DIRECTION (True)	HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
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21													
22													
23													
24													

USS SIERRA AD-18

SEE DOPA

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of Week	POSITION OF SHIP			TIME	Total Cloud Amt.	WIND		Visibility	WEATHER		PRESSURE	Air Temp.	CLOUDS				
		Octant	Latitude	Longitude			Direction	Speed		Present	Past	Barometer Corrected		Amount of C_L Clouds (Coded)	Type C_L (0-9)	Height C_L Clouds (Coded)	Type C_M (0-9)	Type C_H (0-9)
	(1-7) (GMT)	(0-3, 5-8)	(Degrees and tenths)	(Degrees and tenths)	GMT	(Coded)	(True) (00-36)	(True) (Knots)	(90-99)	(00-99)	(0-9)	(mb)	(°F)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND.		SIGNIFICANT CLOUD				Indicator	Diff. Sea Air	Dew Point	WAVES				WAVES				ICE				
		Characteristic (0-9)	Amount Change (mb and tenths)	Indicator	Amount (Eights)	Type	Height		°F	°F	Indicator	Direction (00-36)	Period	Height	Indicator	Direction (00-36)	Period	HEIGHT	Kind	Effect	Bearing	Distance	Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Monday 9 December 19 63
(Day) (Date) (Month)

00-04 Moored port side to the U.S.S. SIERRA (AD-18) in berth 202, pier 20, Destroyer-Submarine Piers, Norfolk, Virginia with standard Destroyer mooring lines and wire out fore and aft. Moored in a nest of four ships with the U.S.S. DOUGLAS H. FOX (DD-779), U.S.S. WALLER (DD-466) and the U.S.S. CONWAY (DD-507) outboard to Starboard. Other ships present include various units of the U. S. ATLANTIC FLEET yard and district craft. 2A boiler and 3 and 4 ship service generators are on the line. Receiving all services from the tender. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this ship.

R. B. BACHMAN
ENS (SC) USNR

04-08 Moored as before. 0400 Lighted fires under 1A Boiler. 0555 LTJG DALES, Stahl Jr., reported aboard for one week TAD from PATRON 56. 0715 Mustered the crew on station. Absentees: LUNNING, G. A., 592 74 04, RDSN, USN, since 0700 this date.

D. H. SWOYER
ENS USN

08-12 Moored as before. 0735 Making all preparation to get underway. 0737 Stationed the special sea and anchor detail. 0915 Singled up all lines. Completed all preparations for getting underway. 0920 Underway in accordance with COMASWGRU ALFA OP-ORDER 8-63 as a unit of Task Unit 83.2.2 enroute to Va. Capes operation area. Captain and Navigator on the bridge, Captain conning. Maneuvering to clear the pier. 0928 OOD given the conn. Entered main channel. 0938 Maneuvering on various courses at various speeds while standing out of Norfolk, Virginia. 0943 Passed Sewell's Point abeam to starboard. 0953 Passed Fort Wool abeam to starboard bearing 149°, 650 yards. 1006 Passed Thimble Shoals Light abeam to port, 012°, 1000 yards. 1045 c/s to 25 kts. 1047 Passed Cape Henry Light abeam to starboard bearing 193°, 2800 yds. 1050 Made daily inspection of magazines and smokeless powder samples. Conditions: Normal. 1055 Entered international water. 1056 c/c to 084°. 1102 Sighted Cheasapeake Light ship bearing 076°, 10.2 miles. 1106 Secured the special sea and Anchor detail. 1110 Proceeding to area 7 CO for gunnery exercise. 1132 Passed Chesapeake Light Ship abeam to port bearing 355°, 4000 yds. 1143 c/c to 079°.

P. T. MAIER
LT USN

12-16 Steaming as before. 1113 Chesapeake Light Ship passed from view bearing 265°, distance 28 miles. 1215 c/c to 087°. 1255 c/c to 058°. 1303 Paralleled number one (1) and two (2) s/s generators. 1330 c/c to 086°. 1406 c/c to 020°. c/s to 10 kts. 1410 c/c to 270°. 1430 Exercised the crew at GENERAL QUARTERS. 1443 c/c to 270°. 1451 c/c to 060°. 1455 c/c to 270°. 1501 c/c to 080°. 1526 c/c to 250°. c/s to 20 kts. 1534 Secured from General Quarters.

R. O. DULIN
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY
NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Monday 9 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1604 c/s to 22 kts. 1619 c/c to 264°. 1640 Condition YOKE set throughout the ship. 1718 Sighted Chesapeake Bay Light Ship bearing 267°, distance 11 miles. 1747 c/c to 258°. 1751 c/c to 255°. 1752 Passed Chesapeake Bay Light Ship abeam to starboard, bearing 318°, range 1200 yds. 1802 c/c to 257°, c/s to 18 kts. 1804 Stationed the Special Sea and Anchor Detail. 1814 c/c to 260°. 1823 c/s to 15 kts. 1827 c/c to 282°. 1829 c/s to 10 kts. 1830 Maneuvering at various courses and speeds to anchor at LYNN HAVEN ROADS. 1849 Cape Henry Light passed abeam to port 195° at 2700 yds. 1933 Anchored in LYNN HAVEN ROADS ANCHORAGE on the following bearings; Cape Henry Light 117°, Lynn Haven Bridge 194°, with 45 fathons of chain to starboard anchor at water edge, Sandy bottom.

C. M. Remoll
C. M. REMOLL
LT USN

20-24 Anchored as before. 2200 Commenced preparations for getting underway. Stationed the special sea and anchor detail. 2206 Commenced heaving in to short stay. 2217 Anchor's aweigh. Underway for VACAPES OPAREA in accordance with CTG 83.2 OP-ORDER 8-63. Maneuvering on various courses at various speeds to clear anchorage. 2231 Entered the main channel. c/c to 080°. c/s to 10 kts. 2234 c/c to 105°. c/s to 15 kts. 2238 c/c to 107°. 2239 c/s to 16 kts. 2240 c/s to 17 kts. Passed Cape Henry Light abeam to starboard, 3,000 yds. 2244 c/c to 110°. 2246 c/c to 120°. c/s to 10 kts. 2250 c/c to 105°. 2252 c/c to 100°. c/s to 12 kts. Stationed the amidships highline detail. 2254 c/c to 090°. 2257 Entered International waters. 2300 c/s to 5 kts. Secured the Special Sea and Anchor Detail. Stationed the Life Guard Detail. 2301 c/c to 092°. 2304 Sighted Chesapeake Light Ship bearing 072°, range 5 miles. 2318 c/c to 090°. 2337 c/c to 085°. c/s to 10 kts. 2338 c/c to 075°. c/s to 15 kts. 2339 c/c to 090°. 2341 Arrived on Life Guard station 1000 yds astern of U.S.S. LAFFEY (DD-724) and U.S.S. HAROLD J. ELLISON(DD-864) and during high line transfer, Base course is 090°. Base speed is 12 kts.

P. T. Maier
P. T. MAIER
LT USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 9 DEC 19 63

~~AT~~/PASSAGE FROM DTS PIERS NORFOLK TO VACAPES OP-AREA

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	251	17	5	CLR	2964	44	41						
02	246	12	5	CLR	2966	44	40						
03	239	14	5	CLR	2967	43	40						
04	120	14	5	CLR	2968	42	38						
05	120	9	5	CLR	2968	42	39						
06	120	15	6	CLR	2969	42	39						
07	130	15	7	CLR	2971	39	37						
08	200	15	8	CLR	2971	39	37						
UNDERWAY → 09	210	8	8	CLR	2972	39	37						
10	165	12	8	SCT	2969	44	39	3	6,500	AC	45	150	2
11	120	15	8	SCT	2968	47	41	3	6,500	AC	47	165	2
12	200	18	8	BKN	2964	50	43	6	6,500	AC	48	220	3
13	210	18	8	BKN	2963	45	42	6	1600	ST/CU	48	335	3
14	220	20	10	BKN	2963	46	41	7	1600	ST/CU	48	250	4
15	230	29	10	BKN	2964	46	41	7	1600	ST/CU	48	260	4
16	229	26	10	BKN	2965	46	41	7	1600	ST	49	270	4
17	245	20	10	BKN	2965	48	40	8	1600	ST	50	234	6
18	265	23	10	BKN	2967	48	40	9	1600	ST	50	250	4
ANCHOR LYNN HAVEN ROADS → 19	255	32	10	BKN	2969	44	38	9	1600	ST	47	245	5
20	262	31	10	CLR	2973	43	37						
21	258	30	10	CLR	2976	43	37						
22	265	25	10	CLR	2978	42	37						
23	270	26	10	CLR	2981	40	36						
24	250	21	10	CLR	2985	40	35						

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of Week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

[signature] LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Tuesday (Day) 10 (Date) December (Month), 19 63

00-04 Steaming in company with Task Unit 83.2.2 composed of U.S.S. LOWRY (DD-770), U.S.S. DOUGLAS H. FOX (DD-779), U.S.S. VOGELGESANG (DD-862), U.S.S. LAFFEY (DD-724), and U.S.S. HAROLD J. ELLISON (DD-864); operating at sea off the Virginia coast in accordance with CTG 83.2 OP-ORDER 8-63. The ship is on lifeguard station 1000 yards astern of U.S.S. LAFFEY and U.S.S. HAROLD J. ELLISON during a highline transfer. SOPA and OTC is COMDESRON 32 in U.S.S. LAFFEY. Number one (1) and two (2) ABLE boilers and number one (1) and three (3) ships service generators are on the line. The engineering plant is split. Material Condition Yoke and Condition of Readiness Five (5) are set throughout the ship. 0007 Passed Chesapeake Bay Lightship abeam to port bearing 000°, range 7000 yards. 0038 Manned amidship highline station. 0102 c/c to 090° c/s to 15 kts. Commenced approach on the port side of U.S.S. LAFFEY to effect highline transfer of personnel. 0122 Commenced highline transfer. 0123 CAPT W. R. GLENNON, USN, COMDESRON 32, broke his flag in this vessel. 0133 Secured from highline transfer with the following personnel having been transferred aboard: CAPT W. R. GLENNON, USN, COMDESRON 32 and LT C. L. NOBLIT, USN. c/c to 085°. c/s to 20 kts. 0137 c/s to 15 kts. 0139 Maneuvering to take lifeguard station 1000 yards astern of U.S.S. FOX while she effects a highline transfer with U.S.S. VOGELGESANG. 0154 On station. Base course is 105°. Base speed is 12 kts.

R. O. DULIN, Jr.
LTJG USN

04-08 Steaming as before. 0406 U.S.S. VOGELGESANG released to proceed independently to rendezvous. U.S.S. DOUGLAS H. FOX directed to take station 15 miles ahead of this vessel. 0438 c/s to 16 kts. 0450 Shifted steering control to the port unit and port cable. 0724 c/c to 120°. 0734 c/c to 105°.

C. M. REMOLL
LT USN

08-12 Steaming as before. 0745 Mustered the crew on stations. Absentees: Lunning, G. A., 592 74 04, RDSN, AWOL since 0700, 9 December 1963. 0851 c/c to 102°. 0852 c/s to 20 kts. 0854 c/s to 25 kts. 0857 c/s to 27 kts. 1025 c/c to 105°. 1121 c/c to 100°. 1157 c/c to 130°. Received daily reports of magazine temperature and smokeless powder samples. Conditions: normal.

L. D. ISRAELSON
LT USN

12-16 Steaming as before. 1226 c/c to 100°. c/s to 20 kts. Sighted U.S.S. RANDOLPH (CVA-15) bearing 105°, range 9 miles. 1234 c/c to 120°. c/s to 25 kts. Proceeding to rendezvous with U.S.S. RANDOLPH. 1241 c/c to 105°. 1253 c/c to 090°. c/s to 28 kts. 1321 Maneuvering to take station in a bentline screen. U.S.S. RANDOLPH is guide bearing 270°, range 5400 yards. 1352 On station. Commenced ten (10) percent turn count masking. Stationed the ASW attack team. Commenced zigzaging steering by sinuous course clock. Commenced ASW Exercise. 1437 Ceased turn count masking, zigzaging, and steering by sinuous course clock. 1445 Secured the ASW attack team. Completed ASW Exercise. 1457 c/c to 300°. c/s to 15 kts.

R. O. DULIN, Jr.
LTJG USN

16-20 Steaming as before. 1700 c/c to 000°. 1715 c/c to 300°. 1755 Stationed the ASW attack team. Commenced ASW exercise with U.S.S. LOWRY, U.S.S. VOGELGESANG, and U.S.S. GRAMPUS. 1818 Commenced turn count masking and steering a narrow weave. 1901 Sonar contact bearing 031°, range 2200 yds. Maneuvering on various courses at various speeds to prosecute contact.

R. O. DULIN, Jr.
LTJG USN

APPROVED: R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY
NAVPERS-719 (Now 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Tuesday (Day) 10 (Date) December (Month) 19 63

SMOOTH REMARKS—CONTINUED

20-24 Steaming as before. 1954 c/c to 180°. 1955 c/s to 10 kts. 1958 c/c to 000°. 2000 c/c to 270 . 2011 c/c to 000°. 2051 secured the ASW Attack Team. 2053 c/c to 120°. c/s to 15 kts. 2058 c/s to 20 kts. 2111 c/c to 130°. c/s to 25 kts. 2207 Maneuvering to take station 31 in a bentline screen. Guide is U.S.S. RANDOLPH bearing 285°, 7,700 yards. Base course is 135°, base speed is 10 kts. 2229 On station. 2242 c/s to 13 kts.

L. D. ISRAELSON
LT USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION 45R DATE 10 DEC 19 63

AT/~~PASSAGE FROM~~ VACAPES OPAREA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	250	20	8	SCT	2985	42	37				50	245	3
02	265	18	8	CLR	2985	42	37				50	260	3
03	265	20	8	CLR	2986	42	37				50	260	3
04	265	21	8	CLR	2986	42	37				50	260	3
05	265	19	8	CLR	2986	45	40				50	280	3
06	260	23	10	CLR	2987	46	42				47	280	3
07	260	21	10	CLR	2987	47	42				47	275	3
08	278	25	10	BKN	2989	49	44	7	1600	cu	46	270	6
09	275	21	10	BKN	2990	49	43	8	1600	cu	66	275	5
10	290	20	10	BKN	2990	49	43	8	1600	Cb	65	270	5
11	292	21	10	BKN	2988	54	47	9	1600	Cb	65	270	6
12	285	22	10	BKN	2986	56	50	9	1600	cu	71	275	6
13	285	30	5	OVC	2986	56	52	10	1600	NS	70	275	6
14	280	29	5	OVC	2986	57	52	10	1600	ST	70	275	6
15	295	30	5	OVC	2987	55	50	10	1600	ST	70	290	18
16	280	28	5	OVC	2989	56	51	10	1600	ST	70	275	15
17	280	30	5	OVC	2991	55	50	10	1600	ST	71	275	15
18	275	22	5	OVC	2994	56	51	10	1600	ST	71	275	15
19	320	20	5	OVC	2998	58	52	10	1600	ST	71	200	12
20	230	18	8	OVC	2998	59	53	10	1600	cu	70	240	11
21	232	12	8	OVC	2999	59	54	10	1600	cu	70	230	11
22	235	15	8	OVC	3000	59	54	10	1600	cu	70	220	11
23	240	15	8	OVC	3000	59	54	10	1600	cu	70	220	10
24	256	15	8	OVC	3000	59	54	10	1600	cu	70	245	10

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of Week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	360	742	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H
1300	3	0	~~742~~	~~75~~	18	8	29	22	97	02	2	112	56	8	7	4	0	0
1900		0		714	00	9	29	29	97	00	2	142	55	8	7	4	0	0

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	$h_s h_s$	0	$T_s T_s$	$T_d T_d$	1	$d_w d_w$	P_w	H_w	1	$d_w d_w$	P_w	H_w	c_2	K	D_i	r	e
[redacted]								0	74	49	1	28	3	4	1								
								0	16	48	1	28	3	4	1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

R. R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Wednesday 11 December 19 63
(Day) (Date) (Month)

00-04 Night steaming in company with TU 83.2.2 in a bent line screen formation with U.S.S. RANDOLPH (CVS-15) as guide in accordance with CTG 83.2 OPORD 8-63. Other ships present in include U.S.S. LAFFEY (DD-724), U.S.S. LOWRY (DD-770), and U.S.S. VOGELGESANG (DD-862). OTC is CTU 83.2.1 in U.S.S. RANDOLPH; COMDESRON 32 in this ship. Screen axis is 135°. Base course is 135°, base speed is 13 kts. Maneuvering on various courses at various speeds to maintain station #1. Material Condition YOKE and Condition of readiness Five are set throughout the ship. 1A and 2A boilers are on the line with s/s generators 1 and 2. The engineering plant is split.

R. O. DULIN
LTJG USN

04-08 Steaming as before. 0620 Stationed the helicopter detail. 0650 Secured the helicopter detail.

C. M. REMOLL
LT USN

08-12 Steaming as before. 0800 Mustered the crew on station. Absentees: LUNNING, G. A., 592 7404, RDSN, USN. 0817 c/s to 12 kts. 0831 Station the Refueling at Sea Detail. Stationed the midships highline detail. 0840 c/c to 000°. 0855 Left station and maneurvered to standby station 1,000 yds astern of the U.S.S. RANDOLPH. Base course 300°. Maneuvering at various courses and speeds to maintain station. 0916 Commenced making approach to starboard side of U.S.S. RANDOLPH. 0927 On station along side U.S.S. RANDOLPH. 0929 Received bolo forward and aft. 0930 Recieved bolo amidships. 0936 Recieved fueling hoses forward and aft. 0938 Recieving fuel forward. 0939 Receiving fuel aft. 0947 Completed rigging highline amidships. 0952 Transfered ENS. J. W. SHAW, 669553, USN, to U.S.S. RANDOLPH. 0954 Ceased pumping fuel forward . Commenced breaking reg. 0956 Ceased pumping fuel aft. Commenced breaking reg. 0957 Commenced unrigging highline. 1002 All lines and hoses clear. c/s to 25 kts. c/c to 305°. 1004 Secured the Refueling and Amidships highline detail. Proceeding to Station #2 of a bent line screen. 1018 Arrived on station #2 of a bent line screen. Base course 300°. Base speed 12 kts. Maneuvering at various courses and speed to maintain station. 1023 c/s to 5 kts. to station. 1042 On station. 1050 Main control reprts 40,294 gallons of fuel oil recieved from U.S.S. RANDOLPH. 1057 Stationed the ASW attack team. 1102 Commenced ASW exercise in accordance with OPORD 8-63. Other ships present are U.S.S. VOGELEGSANG, U.S.S. LAFFEY, U.S.S. LOWEY, U.S.S. RANDOLPH. Maneuvering at various courses and speeds. 1106 Recieved daily inspection of magazines and smokeless powder samples. Condition: Normal.

P. T. MAIER
LT USN

12-16 Steaming as before. 1252 c/s to 10 kts. Assumed safety course of 000°, to surface U.S.S. GRAMPUS (SS-523). 1315 c/c to 180°. c/s to 15 kts. 1318 c/s to 25 kts. c/c to 190°. 1329 c/c to 225°. Secured the ASW attack team. 1331 c/c to 270°. c/s to 10 kts. 1359 c/s to 15 kts. c/c to 040°. 1404 Executed a column movement with this ship as guide and U.S.S. VOGELGESANG in station 1000 yds. astern. Base course is 030°, base speed is 20 kts. 1422 c/s to 25 kts. 1449 c/c to 045°. 1455 c/c to 030°. 1530 c/c to 045°.

R. O. DULIN Jr.
LTJG USN

APPROVED: R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY
NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Wednesday 11 December 1963
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1623 c/c to 355°. 1630 Material Condition YOKE set throughout the ship. 1705 Sighted U.S.S. RANDOLPH bearing 005°, 11 miles. 1714 c/s to 15 kts. 1727 c/s to 12 kts, proceeding to screening station #2. Maneuvering at various courses and speed to arrive on station. 1745 Arrived on Station #2, patroling station, of the screen formation. U.S.S. RANDOLPH is guide in station Zero (0). Guide bearing 114° range 8000 yds. Station #1 U.S.S. LOWRY (DD-770). Station #3 U.S.S. LAFFEY, Station #4 U.S.S. VOGELGESANG. Base course 350°, base speed 12 kts. 1816 Set lighting measure, Green. 1832 Turned on normal navigational lights. 1829 Commenced blowing tubes on #1A and #2A Boilers. 1845 Completed blowing tubes on #1A and #2 A Boilers. 1902 Set lighting measure Green. c/s to 6 kts. 1905 Making BT drop. 1908 Turned on normal navigational lights. 1911 Completed making BT drops. 1912 Proceeding back to regular assigned patrol area in Station #2. Manervering at various courses and speeds to maintain station. c/s 18 kts. Base course 350°, base speed 12 kts. 1945 Set Lighting measure Green.

C. M. Remoll
C. M. REMOLL
LT USN

20-24 Steaming as before. 2000 Screen axis was rotated to 090°. 2015 turned on normal navigation lights. Screen axis was rotated to 135°. 2135 Set lighting measure Green. 2200 c/c to 050°. 2220 c/c to 135°. 2235 c/c to 165°. 2258 c/s to 5 kts. 2305 Completed making bathythermograph observation. 2330 This ship has been detached and directed to proceed as previously directed in company with U.S.S. LOWRY, U.S.S. LAFFEY, AND U.S.S. HAROLD J. ELLISON to rendezvous with U.S.S. KASKASKIA (AO-27). Base course is 200°. Base speed is 12 kts.

L. D. Israelson
L. D. ISRAELSON
LT USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U.S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 21 DECEMBER 1963

AT/~~PASSAGE FROM~~ JACAPES OPAREA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	288	12	6	OVC	3000	60	57	10	1600	ST	65	254	5
02	278	15	6	OVC	3000	61	55	10	1600	ST	65	265	5
03	285	12	6	BKN	3001	61	54	8	1600	cu	65	270	4
04	300	10	8	SCT	3000	61	55	4	1600	cu	58	280	4
05	290	14	8	SCT	3002	62	54	4	1600	cu	58	280	4
06	300	16	8	BKN	3004	63	56	9	1600	cu	58	270	3
07	277	12	8	BKN	3006	65	60	9	1600	cu	58	270	4
08	304	15	8	BKN	3007	62	57	9	1600	cs	61	270	5
09	260	15	8	BKN	3007	62	57	8	1600	cs	61	275	4
10	267	14	8	BKN	3010	63	56	6/0/2	1600	cu/c/ci	63	270	4
11	280	22	8	BKN	3008	63	56	6/0/2	1600	cu/c/ci	65	260	3
12	280	20	8	BKN	3006	63	56	5/0/2	1600	cu/c/ci	65	250	3
13	260	20	10	BKN	3004	64	57	8	1600	cu	65	250	6
14	250	30	10	OVC	3005	62	56	10	1600	cu	66	240	6
15	278	28	10	OVC	3005	62	55	10	1600	cu	66	295	5
16	302	31	10	OVC	3004	62	55	10	1600	ST/NS	66	345	5
17	320	28	10	OVC	3006	60	52	10	1600	ST/NS	68	315	6
18	295	23	10	OVC	3007	59	51	10	1600	ST/NS	68	310	6
19	300	24	10	OVC	3007	58	51	10	1600	ST/NS	73	300	6
20	040	24	10	OVC	3008	57	51	10	1600	ST	72	100	6
21	040	20	10	OVC	3008	58	53	10	1600	ST	69	300	5
22	300	35	10	OVC	3007	59	53	10	1600	ST/NS	69	300	4
23	290	24	10	OVC	3007	59	53	10	1600	ST/NS	69	300	4
24	000	14	10	OVC	3007	59	53	10	1600	ST/cu	69	300	4

POSITION	ZONE	TIME
0800 L 34°-30'N	BY	2+4
λ 68°-58'W	BY	2+4
1200 L 34°-52N	BY	2+4
λ 69°-40W	BY	
2000 L 36°-35'N	BY	2+4
λ 69°13'W	BY	2+4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 35°-01.5'N
MID. λ 70-00'W

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 35°-38.5'N
MID. λ 62°-26.5'W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H
0100																		
0700			SEE USS RANDOLPH (CVS-15)															
1300																		
1900																		

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L ~~34~~ 35°-37.5'N
MID. λ 69-16.5'W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400
398

FUEL CONSUMED 0000-2400
29,161

EXAMINED

[signature] LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Thursday 12 December 19 63
(Day) (Date) (Month)

00-04 Steaming in company with U.S.S. LOWRY (DD-770), U.S.S. LAFFEY (DD-724), U.S.S. ELLISON (DD-864), and U.S.S. KASKASKIA (AO-27) off the coast of North Carolina in accordance with CTG 83.2 OPORD 8-63. The ship is in station #4 of a sector screen formation with the guide, U.S.S. KASKASKIA (AO-27) in station 0 bearing 200°, range 10,000 yds. from the center of the assigned sector. Formation course is 200°, formation speed 12 kts. Formation axis is 200°. Material Condition YOKE and Condition of Readiness Five are set throughout the ship. 1A and 2A boilers and 1 and 3 s/s generators are on the line. The engineering plant is split. OTC is COMDESRON 32 in this ship. 2354 c/s to 10 kts., c/c to 208°. 2358 c/s to 20 kts. Maneuvering to patrol assigned sector. 0058 c/c to 244°. 0124 Darkened ship. 0256 c/s to 15 kts. 0259 c/s to 10 kts. 0301 c/s to 5 kts. to make bathythermograph drop. 0311 Secured from bathythermograph drop. c/s to 20 kts. 0353 Changed formation course to 170°.

R. O. DULIN Jr.
LTJG USN

04-08 Steaming as before. 0659 c/s to 5 kts. to make BT drop. 0703 BT is in the water. 0708 BT on deck. 0709 Stationed helicopter detail. Received ENS. C. H. SMITH, 669 493, USNR. c/c to 255°. 0722 On station.

C. M. REMOLL
LT USN

08-12 Steaming as before. 0750 Mustered the crew on station. Absentee: LUNNING, G. A., 592 74 04, RDSN, USN, AWOL since 0700 9 December, 1963. 0807 Maneuvering to exchange station with U.S.S. LAFFEY. 0820 On station in Station #1. Guide bears 350°, 10,000 yds. Base course is 170°. Base speed is 14 kts. 0839 Made daily inspection of magazines and smokeless powder samples. Conditions: Normal. 0914 c/c to 230°. c/s 25 kts. Changed base course to 160°. Commenced zig zagging. 0916 c/s to 18 kts. 1043 Ceased zig zagging. 1057 c/s to 5 kts. to make bathythermograph drop. 1104 Maneuvering to take patrol station in a bent line screen. 1106 On station in Station #1 of a bent line screen. Guide is U.S.S. KASKASKIA in Station 0. U.S.S. HAROLD J. ELLISON is in Station #2. U.S.S. LOWRY is in Station #3, and U.S.S. LAFFEY is in Station #4. Base course is 170°. Base speed is 14 kts. Maneuvering on various courses at various speeds while patroling Station #1.

L. D. ISRAELSON
LT USN

12-16 Steaming as before. 1353 White flare sighted off starboard bow of U.S.S. KASKASKIA (AO-27) then bearing 350°, range 10,000 yds. Formation course altered to 035°. Commenced to weave 10° to either side of base course. 1355 Secured fires under 2B boiler due to damaged valve in auxiliary steam line. 1417 Formation course altered to 125°. 1435 Ceased weave. Formation course altered to 330°. 1450 Formation course altered to 240 . 1451 c/s to 5 kts. to make bathythermograph drop. 1459 c/s to 12 kts. Proceeding to lifeguard station 1000 yds. astern of U.S.S. KASKASKIA while she refuels U.S.S. LOWRY. Base speed is 12 kts. 1500 Stationed the lifeguard detail. 1510 On Station 1000 yds. astern of U.S.S. KASKASKIA. 1512 c/s to 5 kts. for bathythermograph drop. 1520 Secured from bathythermograph drop. Proceeding to regain lifeguard station. 1525 Received weekly report on degaussing gear: Condition satisfactory.

R. O. DULIN Jr.
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944) Thursday 12 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1610 Stationed the helicopter detail. c/c to 200°. 1613 c/c to 220°. Secured the helicopter detail having received 1 bag of mail from the U.S.S. RANDOLPH. Proceeding to life guard station. 1630 c/c to 240°, on station. 1640 Proceeding to station #1 of a 5 station bent line screen about the U.S.S. KASKASKIA. Base course 190°, base speed 12 kts. When on station the guide bears 010°, distance 8900 yds. U.S.S. VOGELGESANG is in station #2, U.S.S. LAFFEY is in station #3, U.S.S. DOUGLAS H. FOX (DD-779) in station #4 and U.S.S. LOWRY is in station #5. 1651 On station. 1652 c/c to 240°. 1742 c/c to 000°. 1825 Reoriented the screen axis to 135°. 1842 On station, guide bears 215°, distance 8900 yds. Commenced zig zag plan 13. 1902 c/s to 5 kts, put the BT in the water. 1910 BT on deck. c/s to 15 kts. 1913 c/s to 15 kts. 1916 c/c to 150°. 1922 Reoriented Screen axis to 225°. Proceeding to station. 1926 c/c to 230°. Commenced Zig Zag plan 13.

C. M. Remoll
C. M. REMOLL
LT USN

20-24 Steaming as before. 2002 Maneuvering to take station #3 in a bent line screen. 2003 ceased zig zagging. 2024 On station in Station #3 of a bentline screen. Guide is U.S.S. KASKASKIA in station 0, bearing 102°, 8,500 yds. U.S.S. VOGELGESANG is in Station #1. Station #2 is vacant. Base course is 240°. Base speed is 8 kts. 2037 c/s to 5 kts. to make bathythermograph drop. 2038 Reoriented screen axis to 240°. Maneuvering to take station. 2045 Completed making bathythemograph drop. c/c to 170°. c/s to 25 kts. 2100 c/s to 15 kts. 2102 c/s to 8 kts. 2105 On station. Guide bears ~~012~~ 102°, 8500 yds. Base course is 240°. Base speed is 8 kts. 2110 Changed base course to 150°. 2114 Changed base course to 135°. Changed base speed to 15 kts. 2140 c/c to 240°. 2150 c/c to 255°. c/s to 5 kts. 2156 Changed base course to 170°. 2204 c/c to 135°. c/s to 9 kts. 2250 Maneuvering on various courses at various speeds to take station #3 in a bent line screen. 2300 On station. Guide is U.S.S. KASKASKIA in Station 0, bearing 351°, 10,000 yds. U.S.S. VOGELGESANG is in Station #1, U.S.S. DOUGLAS H. FOX is in Station #2, U.S.S. HAROLD J. ELLISON is in Station #4, and U.S.S. LAFFEY is in Station #5. Base course is 260°. Base speed is 8 kts. 2302 Commenced making bathythermograph drop. 2307 Completed making bathythermograph drop. 2325 Changed base course to 150°. 2329 c/c to 135°. c/s to 10 kts. 2335 c/c to 150°. Commenced zig zagging. Base course is 150°.

L. D. Israelson
L. D. ISRAELSON
LT USN

APPROVED: R. S. Tisdale
R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED: R. F. Wilson
R. F. WILSON, LCDR U.S.N. NAVIGATOR.

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION 7572 DATE 12 DEC 19 63

AT/~~PASSAGE FROM~~ VA CAPES OP-AREA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	002	14	10	OVC	3008	60	55	10	1600	CU	68	320	3
02	255	8	10	OVC	3006	60	55	10	1600	CU	68	300	3
03	282	5	10	OVC	3005	60	55	10	1600	CU	68	300	3
04	290	7	10	OVC	3004	60	56	10	1600	CU	68	300	2
05	290	6	8	OVC	3003	62	56	10	1600	CU	68	300	2
06	295	7	8	OVC	3004	64	57	10	1600	CU	67	300	1
07	220	13	8	OVC	3004	66	58	10	1600	CU	67	250	1
08	235	12	8	OVC	3005	66	60	10	1600	ST/CU	68	145	2
09	240	15	8	OVC	3005	68	64	10	1600	ST/CU	68	230	2
10	210	14	8	OVC	3006	68	64	10	1600	ST/CU	69	155	2
11	190	10	8	OVC	3005	69	65	10	1600	ST/NS	69	195	2
12	213	10	8	OVC	3002	69	65	10	1600	ST/NS	68	230	2
13	215	20	8	OVC	3002	69	65	10	1600	ST/NS	68	230	2
14	210	18	8	OVC	3001	70	66	10	1600	ST/NS	69	200	2
15	210	15	8	OVC	3000	69	66	10	1600	ST/NS	70	200	6
16	200	30	7	OVC	2999	70	66	10	1600	SC	70	235	5
17	205	25	7	OVC	3001	70	66	10	1600	SC	70	245	5
18	202	20	7	BKN	3000	70	66	8	1600	SC	70	245	5
19	205	20	7	BKN	2999	69	67	8	1600	SC	68	240	5
20	210	22	7	BKN	2998	69	60	9	1600	ST/CU	70	235	6
21	185	24	7	OVC	2999	70	66	10	1600	ST/CU	68	205	6
22	190	24	7	OVC	2998	71	67	10	1600	ST/CU	68	200	6
23	185	22	7	OVC	2999	70	67	10	1600	ST/CU	67	200	5
24	180	20	7	OVC	3000	70	68	10	1600	ST	69	200	2

POSITION	ZONE	TIME
0800		
L 34°-40'N	BY	2+4
λ 69°-16'W	BY	2+4
1200		
L 33°-54'N	BY	2+4
λ 69°-05'W	BY	2+4
2000		
L 33°-28'N	BY	2+4
λ 69°-20'W	BY	2+4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 35°-27'N
MID. λ 69°-14.5W

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 34°-17'N
MID. λ 69-10.5 W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H
0100																		
0700	SEE USS RANDOLPH (CVS 15)																	
1300																		
1900																		

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L ~~35°-27'N~~ 33°-41 N
MID. λ ~~69-14.5W~~ 69°-11.5W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400
386.3

FUEL CONSUMED
0000-2400
29,128

EXAMINED

E. R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Now 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP U.S.S. MULLINNIX (DD-944)

Friday 13 December 19 63
(Day) (Date) (Month)

00-04 Steaming in company with Task Group 83.2, composed of U.S.S. RANDOLPH (CVS-15), U.S.S. KASKASKIA (AD-27), U.S.S. LOWRY (DD770), U.S.S. ELLISON (DD-864), U.S.S. VOGELGESANG (DD-862),and U.S.S. DOUGLAS H. FOX (DD-779), off the coast of North Carolina in accordance with CTG 83.2. OPORD 8-63. This ship is in station #3 of a 5 ship bent line screen on b/c 135°, b/s 10 kts. When on station the guide, U.S.S. KASKASKIA, bears 351°, distance 10,000 yds. Conducting a long-leg zig-zag plan on b/c 135°. The engineering plant is split with 1A and 2A boilers and 1 and 3 s/s generators on the line. SOPA and OTC is CTG 83.2 in RANDOLPH. COMDESRON 32 is embarked in this ship. Condition of Readiness Five and Material Condition YOKE are set. The ship is darkened. 0002 Ceased zig-zag. Lighted normal navigational lights. 0023 c/bc to 240°. c/bs to 8 kts. 0025 Maneuvering at various courses and speeds to take station #4 of a 5 ship concentric circular screen on circle #4. Screen center is offset 045°, 1000 yds. from guide, KASKASKIA. 0035 On station. Maneuvering at various courses and and speeds to maintain station. 0049 c/s to 12 kts. 0133 c/c to 075°. 0253 c/s to 5 kts. for bathythermograph observation. 0308 Observation completed, maneuvering to regain station. 0326 On station.

R. O. DULIN Jr.
LTJG USN

04-08 Steaming as before. 0417 c/c to 165°. 0420 c/c to 240°. 0455 U.S.S. RANDOLPH changed station bearing 090°, 2000 yds. 0459 U.S.S. ABBOTT (DD-629) and U.S.S. THE SULLIVANS (DD-537) joined formation taking station astern of U.S.S. KASKASKIA at 1000 yds. and 1500 yds. respectively. 0545 Set lighting measure green. c/s to 25 kts. Changed course to 330°. 0547 Turned on all normal navigational lights. c/c to 335°. 0548 c/c to 340°; maneuvering on various courses while proceeding to life ~~gurad~~ guard station. 0557 Stationed the lifeguard detail. 0559 Arrived on life guard station, 2000 yds. astern of U.S.S. KASKASKIA. Maneuvering various courses and speeds to maintain station. 0617 Set lighting measure green. 0620 Turned on all navigational running lights.

C. M. REMOLL
LT USN

08-12 Steaming as before. 0773 Stationed the Special Replenishment Detail. Manned the forward and aft refueling stations. Manned the amidships highline station. 0800 Mustered the crew on station. Absentees: LUNNING, G.A., 592 7404, RDSN,USN, AWOL since 0700, 9 December, 1963. 0830 Maneuvering on various courses at various speeds while making approach on starboard side of U.S.S. KASKASKIA. 0833 Maneuvering to maintain station alongside U.S.S. KASKASKIA. Base course 270°. Base speed 12 kts. 0837 First line on deck. 0843 Received fueling hose forward. 0845 Commenced receiving fuel forward. 0847 Received fueling hose aft. 0850 Commenced receiving fuel aft. 0914 Completed receiving fuel forward. 1938 Completed receiving fuel aft. 0946 All lines clear. c/c to 244°. c/s to 25 kts. 0947 c/c to 060°. Proceeding to rendezvous. 0950 Secured the Special Replenishment Detail. 0957 Stationed the ASW Attack Team. Proceeding on various courses at various speeds to investigate Sonar contact bearing 131°. 1007 Sonar contact classified as non-submarine. c/c to 060°. c/s to 25 kts. Secured the ASW Attack Team. 1037 Stationed the ASW Attack Team. Maneuvering on various courses at various speeds to investigate Sonar contact bearing 182°. 1048 Sonar contact classified as none submarine. Secured the ASW Attack Team. c/c to 060°. 1050 c/c to 067°. c/s to 27 kts. 1100 Made daily inspection of magazines and smokeless powder samples. Condition: Normal. Made weekly test of magazine sprinkling and flooding system; condition saticfactory.

L. D. ISRAELSON
LT USN

APPROVED: R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY
NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Friday 13 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

12-16 Steaming as before. 1201 c/c to 070°. Proceeding to rendezvous with U.S.S. GRAMPUS (SS-523). 1213 Sighted U.S.S. GRAMPUS, bearing 040°, range 6 miles. 1214 c/c to 045°. 1220 c/s to 10kts. Commended bathythermograph drop. 1229 c/s to 20 kts. Stationed the ASW Attack Team. 1236 c/c to 300°. 1304 Submerged submarine. 1329 Commenced ASW exercise upon sighting green flare bearing 347°, range 2200 yds. 1330 Fired one MK 44 exercise torpedo to port while on course 350°. Continued maneuvering for second, torpedo attack. 1358 Secured from attack to search for exercise torpedo. 1545 U.S.S. GRAMPUS surfaced bearing 021°, range 4000 yds. on order from OTC.

R. O. DULIN Jr.
LTJG USN

16-20 Steaming as before. 1550 Discontinued search for torpedo. 1551 c/c to 290°. c/s to 20 kts. 1552 Proceeding to rendezvous point. 1618 c/c to 002°. 1629 Turned on all ~~navitional~~ navigational and running lights. 1641 c/c to 040°, sighted U.S.S. CUBERA (SS-347) bearing 340°, range 4 miles. 1642 c/s to 15 kts; stationed the ASW attack team. 1653 Maneuvering at various speeds and courses while calibrating Sonar. 1800 Secured the ASW attack team; c/c to 110°, c/s to 10 kts. 1845 Changed Base course to 135°. c/s to 20 kts. 1905 c/c to 144°. 1925 c/s to 5 kts. for BT drop. 1928 Commenced BT drop. 1932 BT on deck. 1936 c/c to 170°. Proceeding at various speeds and courses to take station 2000 yds. astern of U.S.S. LAFFEY (DD-724).

C. M. REMOLL
LT USN

20-24 Steaming as before. 2017 Stationed the ASW attack team. Maneuvering on various courses at various speeds while conducting ASW exercises. 2243 Completed ASW exercises. c/c to 270°. c/s to 10 kts. 2255 c/c to 000°. 2257 c/c to 270°. Secured the ASW attack team. 2300 c/s to 5 kts to make bathythermograph drop. 2304 c/c to 265°. 2310 Completed making bathythermograph drop. c/s to 10 kts. 2313 c/s to 15 kts. 2338 c/s to 25 kts. 2346 c/c to 230°. 2348 c/c to 240°. 2352 c/c to 227°.

L. D. ISRAELSON
LT USN

APPROVED:

R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U.S. GOVERNMENT PRINTING OFFICE: 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD 944 ZONE DESCRIPTION +5R DATE 13 DEC 1963

AT/~~PASSAGE FROM~~ VACAPES OP-AREA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	205	28	8	CLR	2999	69	67				68	190	2
02	200	25	8	CLR	2998	70	68				68	190	2
03	165	10	8	CLR	2998	70	60				68	150	2
04	210	19	8	CLR	2997	70	68				68	210	3
05	210	20	8	CLR	2997	70	68				68	210	3
06	200	22	10	BKN	2997	70	68	6	1600	Sc	68	210	4
07	202	23	10	OVC	2998	71	68	10	1600	Sc	69	215	4
08	198	20	10	OVC	3000	72	69	10	1600	Sc/Cu	69	205	4
09	246	13	10	OVC	3004	72	69	4/0/6	1600	Sc/Cu	69	250	3
10	246	13	10	OVC	3003	72	69	4/0/6	1600	Sc/Cu	69	250	3
11	240	13	10	OVC	3003	72	69	4/0/6	1600	Sc/Cu	69	250	3
12	235	15	10	OVC	3003	72	69	4/0/6	1600	Sc/Cu	69	250	3
13	235	18	10	BKN	3001	75	71	5/0/4	1600	Sc/Cu	68	240	3
14	240	19	10	BKN	2998	70	68	5/0/4	1600	Sc/Cu	68	245	3
15	245	20	7	R	3000	69	67	9/1	1600	ST/NS	68	260	4
16	250	12	7	OVC	2998	69	67	9/1	1600	ST/NS	68	250	3
17	245	10	7	OVC	2999	69	67	10	1600	ST	68	245	2
18	050	20	7	R	2999	67	66	10	1600	ST	68	100	2
19	080	20	7	OVC	2998	67	66	10	1600	ST	68	105	2
20	195	19	7	OVC	3001	70	68	10	1600	ST	68	145	3
21	200	15	7	OVC	3001	70	68	10	1600	ST	68	205	4
22	210	14	7	OVC	3001	70	67	10	1600	ST	68	225	3
23	205	20	7	OVC	3000	69	66	10	1600	ST	68	225	3
24	200	16	7	OVC	2998	69	66	10	1600	ST	68	205	3

POSITION	ZONE	TIME
0800		
L 32°-47'N	BY	2+4
λ 69°-24'W	BY	2+4
1200		
L 32°-52'N	BY	2+4
λ 68°-50'W	BY	2+4
2000		
L 33°-02'N	BY	2+4
λ 68°-34'W	BY	2+4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 33°-07.5'N
MID. λ 69°-22.0'W

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 32°-49.5'N
MID. λ 69°-07.0'W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of Week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	Latitude (Degrees and tenths)	Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H
0180																		
0700																		
1300		SEE USS RANDOLPH (CVS-15)																
1900																		

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 32°-57.0'N
MID. λ 68°-42.0'W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400: 314.5

FUEL CONSUMED 0000-2400: 28,892

EXAMINED

[signature] LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Saturday 14 December 19 63
(Day) (Date) (Month)

00-04 Steaming in company with elements of Task Group 83.2 composed of U.S.S. RANDOLPH (CVS-15), U.S.S. ELLISON (DD-864), U.S.S. DOUGLAS H. FOX (DD-779), U.S.S. LAFFEY (DD-724), and U.S.S. VOGELGESANG (DD-862). Operating at sea off the coast of North Carolina in accordance with CTG 83.2 OPORD 8-63. This ship is in station two of a circular screen with the guide, U.S.S. RANDOLPH, bearing 108°, range 4000 yds. Formation course is 155°. Formation speed is 17 kts. Formation axis is 000°. OTC (SOPA) is CTG 83.2 in U.S.S. RANDOLPH. Immediate senior is COMDESRON 32 in this ship. Material Condition YOKE and Condition of Readiness Five is set throughout the ship. 1A and 2A boilers and 1 and 3 s/s generators are on the line. The engineering plant is split. 0200 c/s to 20 kts. 0248 c/s to 5 kts. for bathythermograph observation. 0300 Maneuvering at various courses and speed to regain station. 0326 c/s to 17 kts. 0342 On station.

R. O. Dulin Jr.
R. O. DULIN Jr.
LTJG USN

04-08 Steaming as before. 0405 c/c to 165°; guide bears 108° range 4000 yds. 0621 Turned off all navigational running lights. 0640 c/s to 5 kts. for bathythermograph drop. 0641 Bathythermograph is in the water. 0648 Bathythermograph is on deck. 0649 c/s to 20 kts. 0651 c/s to 22 kts. Maneuvering at various speeds to regain station. 0705 Proceeding at various courses and speeds to take station in a single column formation with U.S.S. LAFFEY in station #1, U.S.S. HAROLD J. ELLISON in station #2, and this ship in station #3; Base course is 000°, base speed is 10 kts. 0725 Proceeding to lifeguard station 1000 yds. astern of U.S.S. LAFFEY and U.S.S. HAROLD J. ELLISON, while they conduct highline transfer. c/c to 240°; c/s to 12 kts.

C. M. Remoll
C. M. REMOLL
LT USN

08-12 Steaming as before. 1750 Stationed the helicopter detail. Secured the Life Guard Detail. 0755 c/c to 220°. c/s to 15 kts. 0811 c/c to 000°. 0832 Conducted personnel transfer by helicopter. ENS J. M. KAISER, USN, departed: RADKE, Clifford A., RD1, 444 37 07 reported aboard. 0836 Secured the helicopter detail. c/c to 025°. c/s to 20 kts. Maneuvering on various courses at various speeds to take station 3000 yds. on the port beam of U.S.S. LAFFEY. 0838 Received the Daily Muster Report. Absentees: LUNNING, G. A., 592 74 04, RDSN, USN. AWOL since 0700, 9 December, 1963. 0925 Made daily inspection of magazines and smokeless powder samples. Conditions: Normal. 1015 c/s to 5 kts. for bathythermograph drop. 1024 Completed making bathythermograph drop. 1032 c/c to 335°. c/s to 20 kts. Proceeding to rendezvous with U.S.S. CUBERA (SS-347) for ASW exercises. 1109 c/c to 155°. c/s to 10 kts. 1122 c/s to 15 kts. 1139 c/c to 320°. 1142 c/c to 329°. c/s to 25 kts.

L. D. Israelson
L. D. ISRAELSON
LT USN

12-16 Steaming as before. 1147 Stationed the ASW attack team. Maneuvering on various courses at various speeds while conducting ASW exercises. 1157 Commenced turn count masking. Streamed fanfare. 1359 c/s to 25 kts. c/c to 110° to clear area for firing of ASROC. 1402 c/c to 130°. 1403 c/s to 20 kts. c/c to 170°. 1429 Proceeding to assist U.S.S. HAROLD J. ELLISON (DD-864) in search for exercise torpedo. 1454 Stationed the helicopter detail. 1457 c/c to 270°. Preparing to surface submarine. c/s to 10 kts. 1504 c/c to 180°. 1508 c/s to 15 kts. c/c to 275°. 1513 c/s to 10 kts. to receive helicopter. 1519 RADKE, Clifford A., RD2, 444 37 07, USN, transferred from ship to helicopter. 1520 Helicopter clear of ship. Secured helicopter detail. c/c to 120°. Continuing search for exercise torpedo. 1523 Secured the ASW attack team. 1530 c/c to 090°.

R. O. Dulin Jr.
R. O. DULIN Jr.
LTJG USN

APPROVED: R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED: R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Saturday 14 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-18 Steaming as before. 1552 BT is in the water. 1558 BT is on deck. 1619 Commenced ASW exercises with U.S.S. LAFFEY, U.S.S. HAROLD J. ELLISON, and U.S.S. CUBERA. Maneuvering at various courses and speeds. 1630 Turned on normal navigational lights. 1638 Completed ASW exercise taking safety course, U.S.S. CUBERA will surface. c/c to 074°. 1639 c/c to 000°. 1643 Yellow flare sighted bearing 280°, 4000 yds. 1648 Submarine surfaced bearing 261°, 3800 yds. 1705 c/s to 8 kts. Submarine submerged. 1722 c/c to 260°. c/s to 15 kts. Commenced ASW exercises with U.S.S. CUBERA; maneuvering at various courses and speeds.

C. M. Remoll
C. M. REMOLL
LT USN

18-20 Steaming as before. 1845 Secured the ASW attack team. Maneuvering on various courses at various speeds to take lifeguard station, 1000 yds. astern of U.S.S. LAFFEY and U.S.S. HAROLD J. ELLISON. 1910 On station. Base course is 240°. Base speed is 12 kts.

L. D. Israelson
L. D. ISRAELSON
LT USN

20-24 Steaming as before. 1950 Secured the lifeguard detail. Proceeding to take station in a line abreast. When on station the guide U.S.S. LAFFEY will bear 330° at 3000 yds. c/c to 218°. c/s to 20 kts. 2016 Arrived on station. Formation Course is 070°. Formation speed is 20 kts. 2017 Stationed the ASW attack team. 2032 Changed base course to 050°. 2035 U.S.S. CUBERA submerged on a bearing of 040° at a range of 5 miles. Commenced ASW exercise. Maneuvering on various courses at various speeds while conducting exercise. 2212 Preparing to surface submarine. Sighted yellow flare bearing 328°, range 5500 yds. c/c to safety course 180°. c/s to 10 kts. 2221 Submarine surfaced bearing 339°, range 7130 yds. and reported as operating normally. 2230 Secured the ASW attack team. 2236 c/s to 15 kts. 2246 c/s to 20 kts. c/c to 150°. Proceeding in company with U.S.S. LAFFEY to rendezvous with U.S.S. GRAMPUS. The ships are in a column with this ship as guide. 2334 c/c to 135°.

R O Dulin Jr.
R. O. DULIN Jr.
LTJG USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U.S. GOVERNMENT PRINTING OFFICE : 1956—O-408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD944 ZONE DESCRIPTION +5TR DATE 14 DEC 1963

AT/~~PASSAGE FROM~~ VA CAPES-OP-AREA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	206	21	7	OVC	2995	71	68	10	1600	ST/cu	68	200	4
02	208	20	7	OVC	2994	71	68	10	1600	ST/cu	69	200	4
03	195	18	7	BKN	2996	72	69	5/0/2	1600	cu/0/ci	69	200	4
04	160	16	7	BKN	2995	72	71	5/0/2	1600	cu/0/ci	70	180	3
05	190	17	7	BKN	2998	72	71	5/0/3	1600	cu/0/ci	70	180	3
06	190	15	8	BKN	2999	72	71	3/0/1	1600	cu/0/ci	70	180	2
07	190	15	10	SCT	2999	72	71	1/0/2	1600	cu/0/ci	70	180	2
08	190	12	10	SCT	2999	72	71	1/0/2	1600	cu/0/ci	70	180	1
09	290	10	10	SCT	2996	71	70	1/0/2	1600	cu/0/ci	70	250	1
10	220	8	10	SCT	2994	72	71	3	1600	cs	70	260	1
11	216	20	10	SCT	2991	74	71	3	1600	cs	70	250	1
12	215	20	10	SCT	2988	74	71	2/0/3	1600	cu/0/ci	70	210	1
13	215	23	10	SCT	2987	72	71	2	20,000	ci	69	210	3
14	215	25	10	SCT	2987	72	71	2	20,000	ci	69	210	3
15	235	24	10	SCT	2986	73	72	5	6,500	AC	70	210	4
16	230	23	8	SCT	2987	72	71	3/0/2	1600	ST/0/ci	70	210	4
17	245	22	8	SCT	2987	71	70	3/0/2	1600	ST/0/ci	69	245	4
18	235	25	8	SCT	2987	70	69	3/0/1	1600	ST	69	240	5
19	230	15	8	SCT	2992	75	71	10	1600	ST	69	240	5
20	250	15	8	SCT	2992	75	71	10	1600	ST	69	240	5
21	275	12	7	SCT	2990	75	71	10	1600	ST	69	220	2
22	150	20	7	SCT	2990	72	70	3	1600	ST	69	220	4
23	220	24	7	SCT	2989	73	71	3	1600	ST	70	230	4
24	221	26	7	BKN	2989	73	70	7	1600	ST	70	220	4

POSITION	ZONE	TIME
0800		
L 31-10N	BY	2&4
λ 68-12W	BY	2&4
1200		
L 31-35N	BY	124
λ 68-03W	BY	124
2000		
L 31-34N	BY	2&4
λ 68-44W	BY	2&4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM 2000 (ZT) 13 DEC (Date)
TO 0800 (ZT) 14 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 32-26N
MID. λ 68-23W

CURRENT DATA
FROM 0800 (ZT) 14 DEC (Date)
TO 1200 (ZT) 14 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-22.5N
MID. λ 68-07.5W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM 1200 (ZT) 14 DEC (Date)
TO 2000 (ZT) 14 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-34.5N
MID. λ 68-23.5W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400: 393.6

FUEL CONSUMED 0000-2400: 19,626

EXAMINED

G. R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Sunday 15 December 19 63
(Day) (Date) (Month)

00-04 Steaming in company with Task Unit 83.2.2 composed of this ship, U.S.S. HAROLD J. ELLISON (DD-864), and U.S.S. LAFFEY (DD-724); operating off the coast of North Carolina in accordance with CTG 83.2 Op. Ord. 8-63. This ship is in station #1 of a three ship column; base course 135°, base speed 25 kts. U.S.S. H. J. ELLISON is in station #2, U.S.S. LAFFEY is in station #3. We are proceeding to rendezvous with U.S.S. GRAMPUS (SS-523), U.S.S. DOUGLAS H. FOX (DD-779), and U.S.S. VOGELGESANG (DD-862). SOPA and OTC is CTU 83.2.2 embarked in this ship. The engineering plant is split with 1A and 2A boilers and 1 and 3 s/s generators on the line. Condition of Readiness Five (5) and Material Condition Yoke are set. 0049 c/c to 050°. 0100 c/s to 20 kts. 0107 c/s to 25 kts; c/c to 013°. Proceeding to station #1 of a five (5) ship circular screen; when on station the guide will bear 180°, 10,000 yards; base course 270°, base speed 10 kts. U.S.S. H. J. ELLISON is in station #2, U.S.S. VOGELGESANG in station #3, U.S.S. LAFFEY in station #4, U.S.S. D. H. FOX in station #5. 0111 c/c to 010°. 0115 c/s to 20 kts. 0118 c/c to 356°. 0121 c/c to 355°. 0128 c/s to 10 kts; c/c to 270°; on station. 0152 c/c to 300°. Manuvering on various courses and speeds while conducting ECM Calibration exercise.

C. M. REMOLL
LT USN

04-08 Steaming as before. 0402 Completed shifting steering to starboard motor ~~and starboard motor~~ and starboard cable. 0415 c/c to 180°. c/s to 12 kts. 0421 This ship designated guide of a single column formation: Station #1, U.S.S. LAFFEY; Station #2, U.S.S. HAROLD J. ELLISON; Station #3 U.S.S. VOGELGESANG; and Station #4, U.S.S. DOUGLAS H. FOX. 0615 c/c to 300°. 0630 c/c to 325°. c/s to 18 knots. 0704 c/c to 000°. c/s to 12 knots. 0715 This ship directed to take Station #1 in a circular screen with the following stations filled: Station #2, U.S.S. LAFFEY; Station #3, U.S.S. VOGELGESANG; Station #4, U.S.S. HAROLD J. ELLISON; and Station #5, U.S.S. DOUGLAS H. FOX. Guide is this vessel.

L. D. ISRAELSON
LT USN

08-12 Steaming as before. 0730 c/s to 25 kts. Proceeding to rendezvous with U.S.S. RANDOLPH (CVS-15). 0735 c/c to 313° to take station. 0742 c/s to 20 kts. c/c to 315°. 0745 c/s to 15 kts. 0746 c/c to 133°. Arrived on station #1 of a concentric circular screen with the guide, U.S.S. RANDOLPH, in station 0 bearing 180°, range 4,000 yds. Formation course is 135°. Formation speed is 12 kts. 0758 Stationed the Helicopter Detail. 0806 Received helicopter while on course 300°. 0811 Mustered the crew on station; absentees, LUNNING, G. A., RDSN, 592 74 04, USN, AWOL since 0700, 9 December 1963. 0814 Helicopter departed the ship with the following personnel having been transferred: LCDR G. W. TAYLOR,(CHC), USN, arrived; LT. E. L. MANNING, CHC, USN, departed. Proceeding to return to station. 0825 On station. 0827 Altered formation course to 250°. 0950 c/c to 180°; c/s to 15 kts. 0955 Stationed the helicopter detail. 1003 Received helicopter while on course 290°. 1006 Helicopter departed the ship with the following personnel having been transferred; LT. E. L. MANNING, CHC, USN, returned ; LCDR G. H. TAYLOR, CHC, USN, departed. 1007 Proceeding to regain station. Made daily tests and inspections of magazines and smokeless powder samples; Conditions normal. 1021 Altered base course to 325°, base speed 20 kts. 1053 Completed bathythermograph drop. Proceeding to regain station. 1113 Changed base speed to 12 kts. 1123 Altered base course to 080°(T). Arrived on station.

R. O. DULIN Jr.
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Now 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Sunday 15 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

12-16 Steaming as before. 1232 c/c to 260°. 1310 Directed to take station three (3) in a bentline screen formation. Guide is U.S.S. RANDOLPH bearing 137°, range 7, 200 yards. Base course 260°, base speed 12 kts. 1322 On station. 1324 c/c to 060°. Commenced zigzagging. 1350 Screen was reoriented to screen axis 335°. Ceased zigzagging. 1412 c/c to 155°. 1438 c/c to 275°, c/s to 20 knots. 1453 Commenced steering sinuous course. 1510 Ceased steering sinuous course and set course 270°. 1512 Commenced steering sinuous course, base course 290°.

C. M. REMOLL
LT USN

16-20 Steaming as before. 1611 Ceased steering sinuous course and set course 290°(T). 1615 c/s to 15 kts. 1620 c/s to 20 kts. Changed base course to 000° (T). 1625 Changed courseto 000°. c/s to 12 kts. 1626 c/b/c to 090°. 1649 Reoriented the screen to new axis 090°. c/s to 25 kts. 1709 c/s to 12 kts. 1710 c/s to 5 kts. 1721 Completed making bathythernrograph drop. c/s to 25 kts to regain station. 1727 On station, c/s to 12 kts. 1831 OTC executed a circular screen formation. Guide is U.S.S. RANDOLPH in station #0 with the following stations assigned:* Station #2, HAROLD J. ELLISON; Station #3, U.S.S. LAFFEY; Station #4, U.S.S. DOUGLAS H. FOX; and Station #5, U.S.S. VOGELGESANG, c/c to 220°, c/s to 25 kts. 1837 c/c to 090°, c/s to 15 kts. 1838 c/s to 12 kts. On station. 1910 c/s to 5 kts to make bathythermograph drop. 1920 Completed making bathythemograph drop. c/s to 20 kts. to regain station. 1929 c/s to 15 kts. 1930 c/s to 12 kts. on station.

* Station 1, this vessel;

L. D. ISRAELSON
LT USN

20-24 Steaming as before. 2000 Detached and directed to proceed independently to assigned area for barrier patrol exercise. c/c to 012°. c/s to 9 kts. 2009 Darkened ship. Secured radar and radio transmitters. 2135 c/c to 001°. c/s to 15 kts. 2139 c/c to 325. 2300 c/c to 180°. 2312 c/s to 5 kts. 2328 Drop completed; c/s to 15 kts. 2350 c/c to 000°. c/s to 9 kts.

R. O. DULIN Jr.
LTJG USN

APPROVED:

R. S. TISDALE, CDR, USN U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR, USN U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION 65-R DATE 15 DEC 19 63

AT/~~PASSAGE FROM~~ VACAPES - OPAREA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	221	26	7	BKN	2989	72	70	7	1600	Sc	70	220	4
02	225	25	4	R	2989	71	69	10	1600	NS	70	220	4
03	230	24	4	R	2990	71	69	10	1600	NS	70	220	4
04	240	25	10	SCT	2989	71	69	3	1600	NS	67	230	4
05	243	24	10	SCT	2989	71	69	3	1600	cu/ci	67	230	4
06	240	24	10	SCT	2988	71	69	3	1600	cu	67	230	3
07	240	23	10	BKN	2991	71	70	8	1600	cu/ci	67	235	3
08	234	21	10	BKN	2994	72	70	8	1600	ST	69	235	4
09	230	20	10	SCT	2997	72	71	4	1600	ST	69	235	4
10	220	18	10	R	2996	75	72	10	1600	ST	69	235	4
11	310	17	3	H	2995	74	72	10	1600	ST	69	290	5
12	310	15	5	H	2994	65	63	10	1600	ST	70	280	3
13	320	20	5	OVC	2998	74	72	10	1600	NS	70	290	3
14	320	20	5	OVC	2999	63	62	10	1600	NS	70	290	3
15	260	20	5	OVC	3002	64	63	10	1600	NS	70	260	3
16	000	18	6	OVC	3004	64	63	10	1600	NS	70	330	3
17	335	22	4	OVC	3006	64	63	10	1600	NS	70	330	3
18	333	24	6	OVC	3008	63	60	10	1600	NS	70	330	5
19	340	25	7	OVC	3007	62	60	10	1600	NS	69	336	5
20	345	15	7	OVC	3004	62	60	10	1600	NS	68	300	5
21	339	11	8	OVC	3005	63	61	10	1600	NS	69	325	5
22	335	12	8	OVC	3006	62	61	10	1600	ST/NS	69	325	6
23	320	25	8	OVC	3006	61	60	10	1600	ST/NS	68	330	6
24	320	20	8	OVC	3010	61	60	10	1600	NS	68	330	6

POSITION	ZONE	TIME
0800		
L 30-54N	BY	2
λ 67-57.5W	BY	2
1200		
L 30-53N	BY	2+4
λ 68-21.5W	BY	2+4
2000		
L 31-05N	BY	2+4
λ 68-16W	BY	2+4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM ~~0800~~ 2000 14DEC (ZT) (Date)
TO ~~1200~~ 0800 15 (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-14N
MID. λ 68-32W

CURRENT DATA
FROM ~~1200~~ 0800 15 (ZT) (Date)
TO 1200 15 (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 30-53.5N
MID. λ 67-04.5W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM 1200 15DEC (ZT) (Date)
TO 2000 15DEC (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-09N
MID. λ 68-18.7W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400
328

FUEL CONSUMED 0000-2400
23,548

EXAMINED

[signature] U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Monday 16 December 19 63
(Day) (Date) (Month)

00-04 Steaming independently on barrier patrol station in accordance with CTG 83.2 OP-ORDER 8-63 . SOPA is COMDESRON 32 embarked in this vessel. OTC is CTG 83.2 embarked in U.S.S. RANDOLPH (CVS-15). Boilers 1A and 2A and ships service generators #1 and #3 are on the line. The engineering plant is split. The ship is in complete electronic silence and darkened. Condition of Readiness Five and Material Condition Yoke are set. 0037 c/c to 020°. 0040 c/c to 350°. 0042 c/c to 080°. 0047 c/c to 050°. 0137 c/c to 090°. 0140 c/c to 120°. 0146 c/c to 140°. 0305 c/s to 5 kts. 0309 Commenced bathythermograph observation. 0315 Completed bathythermograph observation. 0316 c/s to 7 kts. 0347 c/c to 320°.

C. M. Remoll
C. M. REMOLL
LT USN

04-08 Steaming as before. 0644 c/c to 350°. 0706 Completed making bathythermograph drop. 0720 c/c to 160°. 0721 c/c to 155°.

L. D. Israelson
L. D. ISRAELSON
LT USN

08-12 Steaming as before. 0804 c/c to 165°. 0800 Mustered the crew on stations. Absentee: LUNNING, G. A., 592 74 04, RDSN, USN, AWOL since 0700, 9 December 1963. 0804 c/c to 165°. 0937 c/c to 230°. c/s to 20 kts. 0956 Stationed the helicopter detail. 1000 c/c to 030°. 1005 Conducted personnel transfer by helicoper. LTJG H. V. BEEVER, USN, arrived. 1007 Secured the helicopter detail. c/c to 170°, c/s to 25 kts, Commenced maneuvering on various courses at various speeds while investigating sonar contact bearing 157°, range 4,000 yards. 1000 Stationed the ASW Attack Team. 1000 Made daily inspection of magazines and smokeless powder samples. Conditions: Normal. 1138 Stationed the special replenishment details. Manned fueling stations forward and aft, and amidships highline station. 1146 c/c to 040°. c/s to 25 kts. Secured the ASW Attack Team. 1149 c/c to 030°.

R. O. Dulin Jr.
R. O. DULIN Jr.
LTJG USN

12-16 Steaming as before. 1155 c/c to 010°. 1157 c/s to 20 kts. 1208 c/c to 045°. 1209 c/c 050°. c/s to 18 kts. 1211 Maneuvering on various courses at various speeds while maintaining standby station to refuel from U.S.S. RANDOLPH. 1225 Commenced approach on starboard side of U.S.S. RANDOLPH. Replenishment course is 145°, replenishment speed is 12 kts. 1232 First line over. 1239 Received first fuel aft. 1243 Commenced receiving fuel aft. 1247 Commenced receiving fuel forward. 1314 Completed fueling having received 70,027 gallons of NSFO. 1320 All lines and hoses clear. c/c to 310°. c/s to 25 kts. 1322 Secured the special replenishment details. 1328 c/c to 020°. c/s to 20 kts.

P. T. Maier
P. T. MAIER
LT USN

12-16 (con'd) Steaming as before. 1330 Proceeding to ASW Patrol Area. Maintaining complete electronic silence.

R. O. Dulin Jr.
R. O. DULIN Jr.
LTJG USN

12-16 (con'd) Steaming as before. 1438 Shifted the electrical load to #1 and #4 ships service generators. 1510 c/c to 350°. c/s to 10 kts. 1511 c/s to 5 kts. 1525 Completed making bathythermograph drop. 1527 c/c to 000 . c/s to 9 kts. On station. Commenced barrier patrol.

C. M. Remoll
C. M. REMOLL
LT USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Monday 16 December 1963
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1610 c/c to 330°. 1655 Darkened ship. Turned off all navigational lights. 1709 c/c to 110°. 1717 c/c to 120°. 1740 Proceeding on various courses and speeds to investigate surface contact bearing 330°, about 6 miles. 1757 Turned on all navigation and running lights. 1806 Contact identified as Canadian merchantman EMERILLION. c/c to 120°, c/s to 9 kts. 1813 Turned off all navigation and running lights. 1850 RILEY, H. L. SN, 529 43 35, USN, received a deep lauration about 1" in length on the right side of the forehead when the ship took a roll and threw him against a bunk. Injury was sustained at 1825, not due to his own misconduct. Treatment was administered by the Medical Department Representative. Disposition: To duty. 1927 Making preparations to take bathythemograph drop. 1935 Bathythermograph drop completed.

L. D. ISRAELSON
LT USN

20-24 Steaming as before. 2002 c/c to 250°. 2010 c/c to 290°. 2012 c/c to 320°. 2014 c/c to 330°. 2039 c/c to 000°. 2043 c/c to 330°. 2211 c/c to 180°. 2300 Made bathythermograph drop. 2309 Completed making bathythermograph.

R. O. DULIN Jr.
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix DD944 ZONE DESCRIPTION 75-R DATE 16 Dec 1963

AT/~~PASSAGE FROM~~ VA-CAPES OP AREA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	320	20	7	OVC	3010	60	55	10	1600	ST	69	310	3
02	320	22	7	OVC	3011	60	55	10	1600	ST	69	310	3
03	300	25	7	OVC	3010	60	56	10	1600	ST	69	315	3
04	010	18	7	SCT	3009	61	54	3	1600	cu	67	350	3
05	010	18	7	BKN	3009	61	54	8	1600	cu	67	300	3
06	020	17	8	BKN	3010	61	55	8	1600	cu	68	300	3
07	293	20	8	BKN	3013	60	58	3/3/2	1600	cu/ST/ci	68	320	4
08	335	12	10	BKN	3016	62	55	3/3/2	1600	cu/Ac/ci	69	330	6
09	330	13	10	BKN	3017	63	56	8	1600	cu	69	330	6
10	325	15	10	BKN	3017	63	56	8	1600	cu	69	330	6
11	320	17	10	BKN	3017	68	59	9	1600	cu	69	330	6
12	340	18	10	BKN	3018	62	55	3/2/2	1600	cu/sc/ci	69	330	6
13	310	12	10	BKN	3014	62	56	3/2/2	1600	cu/sc/ci	69	330	6
14	325	14	10	BKN	3011	60	54	3/1/2	1600	cu/sc/ci	70	330	6
15	325	17	10	BKN	3012	60	54	4/0/5	1600	cu/sc/ci	70	330	6
16	300	12	10	OVC	3012	60	54	10	1600	cb	69	285	6
17	300	14	10	OVC	3012	61	53	10	1600	cb	69	290	6
18	290	12	10	OVC	3013	62	54	10	1600	cb	69	285	3
19	300	15	10	OVC	3014	62	54	10	1600	cb	69	290	3
20	295	20	8	BKN	3012	60	54	4/2/1	1600	cu/sc/ci	69	280	2
21	290	24	8	BKN	3012	61	54	4/2/1	1600	cu/sc/ci	69	280	2
22	300	22	8	BKN	3014	60	54	4/1/1	1600	cu/sc/ci	69	300	6
23	302	22	8	BKN	3014	60	54	6	1600	cu	69	300	6
24	305	21	8	BKN	3014	60	53	6	1600	cu	69	300	6

POSITION	ZONE	TIME
0800		
L 31-36N	BY 2+4	
λ 68-14W	BY 2+4	
1200		
L 31-14N	BY 2+4	
λ 68-09W	BY 2+4	
2000		
L 31-46N	BY 2+4	
λ 67-28W	BY 2+4	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM 2000 (ZT) 15 DEC (Date)
TO 0800 (ZT) 16 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-15N
MID. λ 68-05.9W

CURRENT DATA
FROM 0800 (ZT) 16 DEC (Date)
TO 1200 (ZT) 16 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L ~~31-25N~~ 31-15N
MID. λ ~~68-05.9W~~ 68-16.5W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	Latitude (Degrees and tenths)	Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM 1200 (ZT) 16 DEC (Date)
TO 2000 (ZT) 16 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-30N
MID. λ 67-48.5W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400
221.8

FUEL CONSUMED 0000-2400
24,546

EXAMINED

G F Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Tuesday 17 December 19 63
(Day) (Date) (Month)

00-04 Steaming independently on barrier patrol station in accordance with CTG 83.2 OP-ORDER 8-63. SOPA is COMDESRON 32 embarked in this vessel. OTC is CTG 83.2 embarked in U.S.S. RANDOLPH (CVS-15). Boilers 1A and 2A and ships service generators #1 and #4 are on the line. The engineering plant is split. The ship is in complete electronic silence and darkened. Condition of Readiness Five and Material Condition YOKE are set. Steering course 180°, speed 7 kts. 0040 Conducted steering casualty drill. Shifted steering control to after steering. 0107 c/c to 000°. c/s to 9 kts. 0109 c/s to 7 kts. 0125 c/c to 340°. 0152 Secured from steering casualty drill. Shifted steering control to the bridge. 0232 c/s to 5 kts. 0303 Commenced bathythermograph observation. 0312 Completed bathythermograph observation.

C. M. Remoll
C. M. REMOLL
LT USN

04-08 Steaming as before. 0444 c/c to 170°. 0619 Stationed the helicopter detail. 0620 c/c to 000°. c/s to 10 kts. 0621 c/s to 15 kts. RANDOLPH 60 hovering for personnel transfer. 0628 60 waved off. 0629 c/c to 030°. c/s to 10 kts. 0630 60 hovering over fantail. 0636 CAPT W. R. GLENNON, COMDESRON 32 departed the ship for the U.S.S. RANDOLPH (CVS-15). 0637 60 departed. Secured the helicopter detail. 0638 c/c to 170°. 0641 c/s to 7 kts.

L. D. Israelson
L. D. ISRAELSON
LT USN

08-12 Steaming as before. 0715 Made bathythermograph drop. 0750 c/c to 330°. 0752 c/c to 315°. 0757 c/c to 340°. 0800 c/c 335°. 0815 Mustered the crew on station. Absentees: LUNNING, G. A., RDSN, 592 74 04,USN. 0845 c/c to 030°. 0849 c/c to 100°. 0900 c/s to 18 kts. 1000 c/c to 090°. 1036 c/s to 5 kts. c/c to 010°. 1059 c/s to 5 kts. for bathythermograph observations. *1131 c/s to 9 kts. Observations completed. 1159 c/c to 150°. * 1100 Made daily inspections of magazines and smokeless powder samples: Conditions normal.

R. O. Dulin Jr.
R. O. DULIN
LTJG USN

12-16 Steaming as before. 1237 Conducted steering casualty drill. Shifted steering control to after steering. 1251 c/c to 120°. c/s to 10 kts. 1302 Secured from steering casualty drill. Shifted steering control to the bridge. 1400 c/c to 325°. c/s to 8 kts. 1413 c/c to 355°. 1423 c/c to 325°. 1429 Conducted steering casualty drill. Shifted steering control to after steering. 1507 c/s to 5 kts. Secured from steering casually drill. Shifted steering control to the bridge. 1508 c/c to 000°. c/s to 10 kts. Stationed the helicopter detail. 1515 CAPT W. R. GLENNON, USN, COMDESRON 32, returned. 1516 LTJG H. V. BEEVER, USN, departed. Secured the helicopter detail. c/c to 325°. 1521 c/s to 5 kts. to make bathythemograph drop. 1529 Completed making bathythermograph drop.

C. M. Remoll
C. M. REMOLL
LT USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY
NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Tuesday 17 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1602 Making all preparations to darken ship. Turned out all navigational lights. 1635 c/c to 170 . Steering random courses on this base course to prevent torpedo attack and provide better sonar coverage. 1640 At 1635, rolled #2 ships service generator. 1655 Shifted the load to #2 and #4 ships service generators. 1729 Turned on all navigation lights. 1730 c/c to 155, c/s to 25 kts. Proceeding to datum to assist U.S.S. H. J. ELLISON (DD-864) in prosecuting submarine contact. 1745 Sighted ELLISON (DD-864), bearing 173°, distance about 13 miles. 1752 Stationed ASW attack team. 1803 c/c to 180°. 1805 c/s to 20 kts. Commenced ASW exercise. Steering various courses at various speeds throughout the exercise. 1824 Put fanfare in water. 1832 Energezed fanfare. 1845 Sonar contact bearing 000°, 1,850 yds. Classified as possible submarine. Maneuvering to hold contact simulated attacks with ELLISON.

L. D. ISRAELSON
LT USN

20-24 Steaming as before. 2018 Ceased turn count masking. 2027 Retrieved ~~Fanfair~~ FANFARE. 2325 c/c to 000°. Preparing to surface submarine. 2340 c/s to 7 dts. 2341 Sighted yellow flare bearing 210 , range 5,000 yds. 2352 Submarine reported on the surface, operating normally.

R. O. DULIN
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

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NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 17 DECEMBER 19 63

AT/~~PASSAGE FROM~~ VA-CAPES OP-AREA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	310	25	7	BKN	3014	61	55	8	1600	cu	70	330	5
02	345	26	7	BKN	3016	61	55	8	1600	cu	70	330	5
03	340	26	7	BKN	3017	60	54	7	1600	cu	70	320	5
04	310	26	7	BKN	3018	58	54	7	1600	cu	67	320	4
05	310	25	8	BKN	3019	58	54	9	1600	cu	67	340	4
06	320	26	10	ovc	3021	59	55	10	1600	cu	68	340	5
07	320	26	10	ovc	3023	59	55	10	1600	cu	68	345	5
08	340	25	10	ovc	3026	59	54	10	1600	cb	68	345	3
09	340	25	10	ovc	3026	59	53	10	1600	cb	69	340	3
10	350	15	10	ovc	3023	59	53	10	1600	cb	69	340	4
11	000	20	10	ovc	3021	60	53	10	1600	cb	70	350	4
12	320	15	10	ovc	3020	59	52	5/5	1600	cu/sc	70	350	6
60													
13	321	16	10	ovc	3021	60	53	5/5	1600	cu/sc	68	350	6
14	330	17	10	ovc	3020	60	53	6/4	1600	cu/sc	68	340	6
15	325	16	10	ovc	3023	60	53	6/4	1600	cu/sc	68	340	6
16	325	17	10	ovc	3025	59	53	10	1600	cu	68	340	6
17	330	21	10	ovc	3025	59	53	10	1600	cu	68	340	7
18	325	20	10	ovc	3024	58	50	10	1600	cu	68	340	7
19	340	21	10	ovc	3024	60	53	10	1600	cu	68	335	7
20	350	20	10	ovc	3026	60	53	10	1600	cu	68	350	7
21	000	21	10	ovc	3025	59	53	10	1600	st	70	350	6
22	010	25	10	ovc	3024	60	54	10	1600	st	70	355	5
23	330	30	8	ovc	3023	60	54	10	1600	st	70	355	5
24	320	31	8	ovc	3024	60	54	6/4	1600	cu/ac	70	340	5

POSITION	ZONE	TIME
0800		
L 31-39N	BY	2+4
λ 67-35W	BY	2+4
1200		
L 31-51N	BY	2+4
λ 66-59W	BY	2+4
2000		
L 31-28N	BY	2+4
λ 66-44W	BY	2+4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM 2000 (ZT) 16 DEC (Date)
TO 0800 (ZT) 17 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-37.5N
MID. λ 68-24.5W

CURRENT DATA
FROM 0800 (ZT) 17 DEC (Date)
TO 1200 (ZT) 17 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-45N
MID. λ 67-25W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	Latitude (Degrees and tenths)	Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM 1200 (ZT) 17 DEC (Date)
TO 2000 (ZT) 17 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-39.5N
MID. λ 66-51.5W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400
234.9

FUEL CONSUMED 0000-2400
15,088

EXAMINED

[signature] LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Wednesday 18 December 19 63
(Day) (Date) (Month)

00-04 Steaming in company with U.S.S. HAROLD J. ELLISON (DD-864) in accordance with CTG 83.2 OP-ORDER 8-63, enroute to rendezvous with units of CTG 83.2. SOPA is CTU 83.2.2, embarked in this ship. OTC is CTG 83.2 embarked in U.S.S. RANDOLPH (CVS-15). Boilers 1A and 2A and s/s generators 2 and 4 are on the line. The engineering plant is split. Condition of Readiness Five and Material Condition YOKE are set. 2354 c/c to 155°; c/s to 25 kts. Proceeding to rendezvous with U.S.S. RANDOLPH. 2358 c/s to 15 kts. c/c to 160 . Executed a column formation. This ship is the guide in station #1. U.S.S. HAROLD J. ELLISON is in station #2 bearing 340°, 2000 yds. 0019 c/s to 20 kts. 0134 c/c to 135°. 0152 c/s to 25 kts. Executed a circular screen formation. Proceeding to station #3. U.S.S. HAROLD J. ELLISON is in station #1, U.S.S. LOWRY (DD-770) is in station #2, U.S.S. DOUGLAS H. FOX (DD-779) is in station #4, U.S.S. LAFFEY (DD-724) in station #5. The guide is U.S.S. RANDOLPH bearing 252°, 4000 yds. Base course 270°, speed 14 kts. 0200 c/c to 166°, c/s to 20 kts. 0204 c/s to 14 kts; c/c to 270°; On station. 0305 c/s to 5 kts. 0307 Bathythermograph is in the water. 0317 Bathythermograph is on deck. 0319 c/s to 20 kts; c/c to 260°; on station.

C. M. REMOLL
LT USN

04-08 Steaming as before. 0441 c/s to 10 kts. 0552 c/c to 000°. 0555 c/c to 055°, c/s to 12 kts. 0605 Detached by CTG 83.2 to proceed with LOWRY for event 18-3. c/c to 130°. 0607 c/s to 20 kts. c/c to 240°. 0609 c/s to 25 kts. 0610 c/c to 270°. 0616 c/c to 245°. c/s to 15 kts. Executed a column formation with this ship in station 1 as guide and LOWRY in station #2, 1000 yds. astern. 0627 Stationed the helicopter detail. Maneuvering on various courses while searching for wind for helicopter operation. 0635 Steady 103°. 0636 Helicopter 60 given green flag. Hovering over fan-tail. 0644 LTJG DULIN and LTJG GLADDING departed the ship via helicopter 60 to observe ASW exercise aboard U.S.S. LOWRY. 0646 Helicopter 60 departed for U.S.S. LOWRY. 0703 c/c to 240°.

L. D. ISRAELSON
LT USN

08-12 Steaming as before. 0705 c/s to 15 kts. 0735 Helicopter 60 hovering over fantail. 0740 LT REMOLL and SQUIRES, RD1, departed the ship via helicopter 60. 0756 c/s to 6 kts. 0800 Mustered the crew on station. Absentee: LUNNING, G. A. , 592 74 04, RDSN, USN. AWOL since 0700, 9 December 1963. 0803 Bathythermograph is in the water. 0809 Bathythermograph is on deck. 0810 c/c to 310°; c/s to 15 kts. 0818 Arrived on station 1000 yds. astern of U.S.S. LOWRY, base course 240°, base speed 20 kts. 0819 c/s to 25 kts. Proceeding 1000 yds. ahead of U.S.S. LOWRY. 0830 Arrived on station as guide, c/s to 15 kts. 0835 c/c to 330°. 0910 c/c to 080°. Helicopter #60 over fantail for cargo transfer. 0907 Helicopter #60 departed. c/c to 330°. 0913 Made daily inspection of magazines and smokeless powder samples conditions: Normal. 0945 c/c to 035°. 1010 Commenced multi-ship ASW location and destruction attacks against U.S.S. CUBERA. 1011 Formed a sweep line search with U.S.S. LOWRY as guide to port beam, 5000 yds. Base course 245°, base speed 25 kts.; maneuvering at various courses and speeds. 1028 Commenced turn count masking. 1034 Commenced broad weave. 1044 Sonar contact 208°, 6100 yds. 1050 Contact identified as submarine. Commenced attacks at various courses and speeds. 1113 Ceased turn count masking.

P. T. MAIER
LT USN

12-16 1206 Sighted yellow flare bearing 075°, 3000 yds. U.S.S. GRAMPUS is preparing to surface. c/c to 000°; c/s to 10 kts. 1212 Sighted periscope bearing 056°, 2800 yds. 1214 U.S.S. GRAMPUS surfaced, bearing 064°, 2950 yds. 1248 Proceeding in column formation on base course 170°; this ship is the guide; U.S.S. LOWRY is in station #2 bearing 180°, 1000 yds. 1252 c/s to 15 kts. 1330 c/s to 20 kts. c/c to 090°. 1405 c/c to 240°. 1407 c/s to 25 kts. 1408 Proceeding to take station abeam to port of U.S.S. LOWRY. Base course 240°, speed 10 kts. 1417 c/bc to 250°. 1419 Arrived on station; guide bears 330°, 5000 yds. Maneuvering on various courses and speeds to maintain station. 1423 c/bs to 18 kts. 1424 Commenced broad weave 30° either side of base course. 1428 Energized fanfare. Commenced steering various courses and speeds while conducting ASW exercises.

APPROVED: R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Wednesday 18 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

12-16 (Con'd) 1520 Stationed the helicopter detail. 1533 Helicopter 60 making approach. 1534 Helicopter 60 hovering over fantail and disembarking passengers; LT C. M. REMOLL, LTJG R. O. DULIN, LTJG G. S. GLADDING and SQUIRES, RD1. 1538 Secured the helicopter detail. Continuing with ASW exercise.

L. D. ISRAELSON
LT USN

16-20 Steaming as before. Continuing to maneuver on various courses and speeds while conducting ASW exercises. 1645 c/c to 000°, c/s to 10 kts. in preparation for surfacing GRAMPUS. 1703 GRAMPUS surfaced bearing 190°, 6,600 yds. Secured the ASW attack team. 1712 c/c to 300°, c/s to 15 kts. Executed a column formation with this ship as guide in station 1 and LOWRY 1000 yds. astern in Station 2. 1726 c/c to 315°. 1730 LOWRY order to take station 5 miles on port beam in preparation for event 18-5. 1827 c/c to 140°. 1843 c/c to 320°; c/s to 10 kts. 1905 c/c to 170°; c/s to 7 kts. 1938 c/c to 340°.

L. D. ISRAELSON
LT USN

20-24 Steaming as before. 2021 c/c to 165 . c/s to 20 kts. U.S.S. LOWRY ordered to take station 8000 yds. on this ship's starboard beam. 2023 Stationed the ASW attack team. Commenced sweep line. Commenced ASW exercise, with U.S.S. CUBERA (SS-347). 2025 Commenced a narrow weave on base course 165°. Commenced turn count masking and streamed Fanfare. 2054 Ceased narrow weave turn count masking, and retrieved Fanfare. c/c to 170°. c/s to 20 kts. 2145 Preparing to surface submarine. c/c to 000°. c/s to 10 kts. 2153 Sighted yellow flare bearing 145°, range 3 miles. 2205 Submarine on surface operating normally bearing 148°, range 3 miles. 2207 Completed ASW exercise. Secured the ASW attack team. 2212 c/c to 070°. c/s to 15 kts. 2216 c/s to 20 kts. Formed a column with this ship as guide and U.S.S. LOWRY on station 1000 yds. astern. 2230 c/c to 085°. Proceeding to rendezvous with U.S.S. RANDOLPH (CVS-15). 2255 Maneuvering on various courses and speeds to take station 2 of a concentric circular screen. 2302 On station with the guide, U.S.S. RANDOLPH, bearing 150°, range 4000 yds. Other ships present include U.S.S. ELLISON (DD-864), U.S.S. VOGELGESANG (DD-862), U.S.S. LOWRY, U.S.S. DOUGLAS H. FOX, and U.S.S. LAFFEY (DD-724). Formation course is 000°. Formation speed is 12 kts. Maneuvering on various courses at various speeds to maintain station.

R. O. DULIN Jr.
LTJG USN

APPROVED:

R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U.S.N. NAVIGATOR.

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 18 DECEMBER 19 63

AT/~~PASSAGE FROM~~ UA-CAPES OP-AREA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	320	31	8	OVC	3023	60	54	6/4	1600	CU/AC	70	330	6
02	330	26	8	R	3023	61	55	6/4	1600	CU/AC	70	330	6
03	330	25	8	OVC	3025	62	56	6/4	1600	CU/AC	70	330	6
04	330	20	8	OVC	3022	62	56	6/4	1600	CU/AC	68	330	6
05	330	15	8	OVC	3020	62	55	6/4	1600	CU/AC	68	330	5
06	340	14	8	L	3019	62	55	8/2	1600	NS/AC	68	330	3
07	335	15	8	L	3021	60	58	8/2	1600	NS/AC	68	330	2
08	040	14	8	L	3022	60	58	8/2	1600	N/AC	69	330	2
09	335	15	8	R	3023	60	58	8/2	1600	NS/AC	69	330	4
10	120	16	8	R	3021	59	57	10	1600	NS	69	325	4
11	140	14	8	R	3019	59	56	10	1600	NS	69	325	4
12	140	15	8	R	3018	59	56	10	1600	NS	69	120	3
13	150	25	8	R	3016	59	57	10	1600	NS	69	120	3
14	160	24	8	OVC	3012	59	57	10	1600	NS	69	120	3
15	060	24	8	OVC	3010	61	60	10	1600	NS	69	120	3
16	100	27	8	R	3004	61	60	10	1600	NS	69	130	3
17	120	17	5	R	3009	63	62	10	1600	NS	69	080	5
18	115	13	3	R	3008	63	62	10	1600	NS	69	080	4
19	115	13	8	R	3001	65	62	10	1600	NS	69	080	4
20	135	13	8	R	2993	65	62	10	1600	NS	69	090	4
21	145	11	8	RW	2994	65	62	10	1600	NS	69	085	4
22	125	13	8	OVC	2990	65	65	10	1600	ST	69	090	4
23	140	15	8	OVC	2985	67	64	10	1600	ST	69	090	4
24	135	20	8	OVC	2981	68	65	10	1600	ST	68	090	3

POSITION	ZONE	TIME
0800		
L 30-55N	BY	264
λ 67-40W	BY	264
1200		
L 31-00N	BY	264
λ 68-06'W	BY	264
2000		
L 31-03N	BY	264
λ 68-19W	BY	264

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM 2000 (ZT) 17 DEC (Date)
TO 0800 (ZT) 18 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-21.5N
MID. λ 67-31W

CURRENT DATA
FROM 0800 (ZT) 18 DEC (Date)
TO 1200 (ZT) 18 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-47.5N
MID. λ 67-53.W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM 1200 (ZT) 18 DEC (Date)
TO 2000 (ZT) 18 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-01.5N
MID. λ 68-12.5W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400
356.8

FUEL CONSUMED 0000-2400
20,745

EXAMINED

G. R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Thursday 19 December 19 63
(Day) (Date) (Month)

00-04 Steaming in company with Task Group 83.2 in accordance with CTG 83.2 OP-ORDER 8-63. This ship is in station #2 of a concentric circular screen. U.S.S. RANDOLPH (CVS-15) is the guide bearing 150°, 4000 yds. Other ships in formation are U.S.S. HAROLD J. ELLISON (DD-864) in station #1, U.S.S. VOGELGESANG (DD-862) in station #3, U.S.S. LOWRY (DD-770) in station #4, U.S.S. DOUGLAS H. FOX (DD-779) in station #5, and U.S.S. LAFFEY (DD-724) in station #6. Formation course is 000°; Formation speed is 12 kts. OTC and SOPA is CTG 83.2 embarked in U.S.S. RANDOLPH. 1A and 2A Boilers and 2 and 4 ships service generators are on the line; the engineering plant is split. Condition of readiness Five and Material Condition YOKE are set. 0058 c/s to 5 kts. to conduct bathythermograph observation. 0106 Completed bathythermograph observation. 0229 c/c to 120 . 0240 Wind velocity has markedly increased with gusts to 50 kts; the barometer shows a sharp decrease in the past 24 hours. 0302 Visibility decreased in heavyious to 500 yds. 0318 Visibility increased to 3800 yds. 0320 U.S.S. HAROLD J. ELLISON detached to proceed as ~~purposely~~ previously directed.

C. M. Remoll
C. M. REMOLL
LT USN

04-08 Steaming as before. 0353 c/s to 10 kts. 0404 Detached to proceed independently for patrol area 5 of area designated by COMASWGRO ALFA OP-ORD 8-63 for event 19-2. c/s to 15 kts. 0407 c/c to 210°. 0412 c/s to 25 kts. c/c to 190°. 0416 c/c to 140°. 0418 c/c to 130°. 0426 c/s to 15 kts. Experienced loss of vacuum to forward main condenser. Temporary maximum speed available 15 kts. 0503 Casualty destored. Maximum speed 30 kts. again. c/s to 20 kts. 0515 c/s to 25 kts. 0623 c/s to 7 kts. Arrived in patrol area 5. 0656 c/c to 320 . 0701 Stationed the helicopter detail. 0712 U.S.S. RANDOLPH # 60 given green flag for transfer. 0714 # 60 over fantail for helicopter transfer.

H.L. Hartman
H. L. HARTMAN
LTJG USNR

08-12 Steaming as before. 0717 Completed helicopter transfer with LT C. L. NOBLIT, USN, having departed the ship. 0730 Completed bathythermograph drop. 0745 Mustered the crew on station. Absentees: LUNNING, G. A., RDSN, 592 74 04, USN, 0840 c/c to 310°. 0854 c/c to 140°. 0900 c/c to 130°. 1005 Made daily inspection of magazines and smokeless powder samples. Conditions: normal. 1017 c/c to 295°. 1026 c/s to 5 kts. 1111 c/c to 310°. 1113 c/c to 300°.

R O Dulin Jr.
R. O. DULIN Jr.
LTJG USN

12-16 Steaming as before. 1209 c/s to 7 kts. 1252 c/s to 5 kts. 1308 c/c to 290°. c/s to 7 kts. 1324 Sighted U.S.S. KASKASKIA (AO-27), bearing 320°, 7 miles. 1340 c/s to 6 kts. 1341 c/s to 7 kts. 1434 c/c to 280°.

C. M. Remoll
C. M. REMOLL
LT USN

16-18 Steaming as before. 1629 c/c to 290°. 1650 c/s to 7 kts. 1656 c/s to 9 kts. c/c to 285°. 1725 c/c to 292°.

L D Israelson
L. D. ISRAELSON
LT USN

18-20 Steaming as before. 1858 c/c to 310°.

R O Dulin Jr.
R. O. DULIN Jr.
LTJG USN

APPROVED:

R S Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R F Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Thursday 19 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

20-24 Steaming as before. 2340 c/c to 295°.

C. M. Remoll
C. M. REMOLL
LT USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O-408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX (DD 944) ZONE DESCRIPTION (+5R) DATE THRS. 19 DEC. 19 63

AT/PASSAGE FROM UH-CAHLS TO OP. AREAS

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	190	22	8	BKN	2969	68	66	7	1600	cb	68	200	2
02	210	22	8	BKN	2968	68	66	7	1600	cb	68	200	2
03	290	30	0	R	2968	68	66	10	0	NS	68	200	2
04	290	28	5	L	2969	67	65	10	1600	NS	68	320	3
05	300	25	5	BKN	2971	67	65	8	1600	NS/cu	68	320	3
06	300	32	5	BKN	2976	67	65	9	1600	NS/cu	68	320	6
07	290	38	6	BKN	2979	66	60	9	1600	NS/cu	69	300	9
08	275	44	7	BKN	2983	65	60	9	1600	cu	69	295	12
09	270	46	8	BKN	2986	64	63	9	1600	cu/cb	69	295	14
10	270	46	10	BKN	2989	64	60	7	1600	cu	69	295	14
11	290	40	10	BKN	2990	63	68	7	1600	cu/cb	69	295	14
12	300	45	10	BKN	2993	62	66	8	1600	cu/NS	69	290	16
13	300	43	10	BKN	2993	62	58	9	1600	cu	69	290	18
14	290	38	10	BKN	2996	59	56	9	1600	cu	68	300	20
15	288	39	10	BKN	2997	59	56	9	1600	cu/cb	68	290	22
16	295	40	10	BKN	2998	59	56	9	1600	cu/cb	68	280	23
17	290	34	8	BKN	3000	58	55	9	1600	cu/cb	68	300	26
18	290	30	8	BKN	3004	59	56	9	1600	cu/cb	68	300	26
19	315	25	8	BKN	3006	58	55	9	1600	cu	68	290	25
20	304	22	8	BKN	3008	58	55	8	1600	cu	68	290	20
21	305	23	8	BKN	3008	58	55	8	1600	cu	68	290	20
22	305	20	8	BKN	3007	59	56	8	1600	cu	68	290	12
23	310	18	8	BKN	3005	58	55	8	1600	cu	68	290	12
24	310	15	8	BKN	3005	58	55	8	1600	cu	68	290	12

POSITION	ZONE	TIME
0800 L 32° 24'N	BY	2+4
λ 67° 08'W	BY	2+4
1200 L 31° 14'N	BY	2+4
λ 67° 04 W	BY	2+4
2000 L 31° 20'N	BY	2+4
λ 67° 45'W	BY	2+4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM 2000 (ZT) 18 DEC (Date)
TO 0800 (ZT) 19 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-04.5 N
MID. λ 67-24 W

CURRENT DATA
FROM 0800 (ZT) 19 DEC (Date)
TO 1200 (ZT) 19 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L Ø
MID. λ 67-Ø6 W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H
1300	5	Ø	313	671	18	8	30	43	97	Ø2	2	135	62	6	3	4	Ø	Ø

CURRENT DATA
FROM 1200 (ZT) 19 DEC. (Date)
TO 2000 (ZT) 19 DEC. (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31°-17 N
MID. λ 67-24.5W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0	57	52	1	79	8	5	1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400: 167.5

FUEL CONSUMED 0000-2400: 17,928

EXAMINED

G. T. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Friday 20 December, 19 63
(Day) (Date) (Month)

00-04 Steaming in company with TaskGroup 83.2 off Bermuda in accordance with CTG 83.2 OP-ORD 8-63. This ship is proceeding independently to rendezvous position 31-30 North, 68-10 West for conduct of underway replenishment. Other ships in the area proceeding to same rendezvous are U.S.S. LAFFEY (DD-724), U.S.S. DOUGLAS H. FOX. (DD-779), U.S.S. VOGELGESANG (DD-862) and U.S.S. KASKASKIA (AO-27). Base course is 295°, and base speed is 7 kts. Seas are moderate to rough from 315°, about 10-15 feet in height. The wind is from 300° at 25 kts. Both wind and seas have abated considerably since yesterday; however, training operations are still restricted. 1A and 2A boilers are on the line, 2 and 4 ships service generators on the line. The engineering plant is split. Condition of Readiness Five and Material Condition YOKE are set. OTC is CTG 83.2 embarked in U.S.S. RANDOLPH (CVS-15). COMDESRON 32 (CTU 83.2.2) is embarked in this vessel. 0235 c/c to 150°.

L. D. ISRAELSON
LT USN

04-08 Steaming as before. 0456 c/s to 5 kts. 0500 c/s to 15 kts. c/c to 000°. 0509 c/c 300°. 0511c/s to 20 kts. 0515 Maneuvering on various courses at various speeds to take station six (6) in a bent line screen. When on station, the guide, U.S.S. KASKASKIA, will bear 041°, range 9600 yds. 0549 Proceeding to take lifeguard station 1000 yds. astern of U.S.S. KASKASKIA. Maneuvering to pass astern of U.S.S. RANDOLPH. 0606 c/s to 17 kts. 0607 c/c to 285°. c/s to 20 kts. 0625 Stationed the replenishment at sea and refueling details.

R. O. DULIN Jr.
LTJG USN

08-12 Steaming as before. 0634 Stationed the helicopter detail. Received LT. C. L. NOBLIT, USN. 0640 Secured the helicopter detail. 0703 Stationed the helicopter detail. LT E. A. MANNING, CHC, USN. 0709 Secured the helicopter detail. 0736 c/s to 15 kts. c/c to 298°, commenced approach to U.S.S. KASKASKIA. 0739 c/s to 10 kts; c/c to 300°, along side U.S.S. KASKASKIA to port. 0740 Received first line forward. 0750 Mustered the crew on station. Absentee: LUNNING G. A. 592 74 04, RDSN, USN. AWOL since 0700, 9 December, 1963. 0803 Commenced receiving fuel. 0844 Completed refueling, having received 62,222 gallons of fuel at 60°. 0858 All lines and hoses clear. c/s to 15 kts. c/c to 307°. 0859 c/c to 309°. 0901 c/c to 300°. c/s to 22 kts. Proceeding to take station #1 of a bent line screen. When on station the guide will bear 120°, 3500 yds. U.S.S. KASKASKIA is the guide. 0906 c/s to 18 kts. 0926 c/s to 10 kts., arrived on station. 1030 Made daily inspection of the magazines and smokeless powder samples: Condition normal. Made weekly inspection of sprinkles and flooding systems; conditions satisfactory. 1158 c/s to 20 kts.

C. M. REMOLL
LT USN

12-16 Steaming as before. Proceeding to take station, astern of U.S.S. RANDOLPH to await formation assignment. 1208 c/c to 165 . This ship and U.S.S. VOGELGESANG, ordered to investigate possible submarine contact bearing 174°, 46 miles. U.S.S. VOGELGESANG ordered to take station 5000 yds. on port beam. Base course is 165°, speed is 20 kts., with ship as the guide. 1223 c/s to 25 kts. 1235 c/c to 150°. 1252 Stationed the ASW attack team. 1303 Commenced steering various courses at various speeds while proceeding to and investigating datum. 1314 Streamed fan fare at short stay. 1435 Stationed helicopter detail. 1441 RANDOLPH 60 overhead for personnel transfer. 1454 Helicopter 60 temporarily waved off. 1507 Helicopter 60 given green flag. 1510 Helicopter 60 hovering over fantail. LT E. H. MANNING, CHC, USN, returned to the ship. CAPT W. R. GLENNON, USN. COMDESRON 32 departed the ship, by helicopter in route to U.S.S. HAROLD J. ELLISON. ETR of COMDESRON 32 is 221100R December. 1513 Secured the helicopter detail. Preparing to make bathythermograph drop. 1526 Bathythermograph drop completed. Continuing to investigate datum.

L. D. ISRAELSON
LT USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP U.S.S. MULLINNIX (DD-944)

Friday 20 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1547 c/c to 150°. Commenced a narrow weave. 1603 c/c to 140°. 1607 c/c to 130°. 1608 Fanfare retrived. 1609 c/c to 135°. 1646 Ceased turn count masking. c/c to 180°. Ceased narrow weave. 1650 Secured the ASW attack team. 1651 c/c to 270°. 1701 Degaussing equipment secured because of overheated coil. 1727 c/c to 000°. 1756 c/c to 090°. 1804 c/c to 325°. c/s to 15 kts. This ship has been detached and directed to proceed to exercise Patrol Area 3. 1811 c/c to 300°. 1830 On station. 1904 c/c to 268°.

R. O. DULIN, Jr.
LTJG USN

20-24 Steaming as before. 2003 Maneuvering at various courses while patroling area. 2018 Proceeding to take station on port beam of U.S.S. LOWRY, range 10,000 yds. Base course 130°, base speed 10 kts. 2045 Arrived on station. c/s to 15 kts. 2057 c/c to 310°. 2106 c/c to 270°. 2116 Station the ASW attack team. Proceeding to assist U.S.S. LOWRY in pursuring Sonar contact. Maneuvering at various courses and speeds while conducting the exercise. Executing pinwheel counter clockwise on circle 4. 2131 Change direction of pinwheel to clockwise. 2148 Discontinued attacks on submarine. 2152 Proceeding to take station on port beam of U.S.S. LOWRY, range 10,000 yds., base course 270°., base speed 10 kts. 2201 Secured the ASW attack team. 2220 Arrived on station, the guide bears 000°, 10,000 yds. 2221 Proceeding to station on starboard beam of U.S.S. LOWRY, range 10,000 yds. Maneuvering various courses and speeds to gain station. 2232 Change base course to 240 . 2240 Change base speed to 15 kts. 2301 Change base course to 270 . 2305 Arrived on station.

C. M. REMOLL
LT USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix (DD 944) ZONE DESCRIPTION +5R DATE 20 DEC. 19 63

AT/~~PASSAGE FROM~~ VA-CAPES TO ~~TO~~ OP-AREA

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	275	21	7	BKN	3004	57	51	7	1600	cu/cb	68	320	10
02	280	25	7	BKN	3004	56	51	6	1600	cu/cb	68	310	10
03	280	18	7	SCT	3004	59	53	4	1600	cu	68	300	8
04	310	10	7	SCT	3004	60	54	4	1600	cu	68	300	6
05	310	11	7	SCT	3003	60	54	4	1600	cu	68	300	5
06	310	13	7	SCT	3003	60	54	4	1600	cu	67	200	3
07	270	10	10	SCT	3003	60	54	4	1600	cu	65	290	6
08	270	10	10	SCT	3004	60	53	4	1600	cu	65	290	6
09	270	10	10	SCT	3005	63	53	4	1600	cu	65	290	6
10	260	10	10	SCT	3004	63	55	4	1600	cu	65	280	4
11	260	10	10	SCT	3003	62	56	4	1600	cu	65	280	4
12	248	29	10	BKN	2998	62	54	3/2/1	1600	cu/ns/ci	66	280	7
13	246	28	10	BKN	2998	62	56	5/4	1600	cu/ns	66	280	7
14	245	25	10	BKN	2998	64	57	5/4	1600	cu/ns	66	280	7
15	250	24	10	BKN	2998	66	58	5/3	1600	cu/ns	66	280	7
16	255	21	10	BKN	2999	63	57	4/5	1600	cu/cb	68	270	7
17	245	23	10	OVC	2998	63	57	10	1600	cu/cb	68	260	7
18	250	22	10	OVC	2998	63	57	10	1600	cu/cb	68	260	6
19	253	25	10	BKN	2997	63	57	8	1600	cu/cb	66	260	7
20	260	17	8	BKN	3000	64	50	8	1600	cu/cb	66	350	4
21	300	18	8	SCT	2998	62	59	5	1600	cu/cb	66	300	4
22	310	17	8	SCT	2999	60	57	5	1600	cu/cb	66	300	4
23	290	17	8	SCT	3000	62	58	5	1600	ST	66	270	4
24	290	20	8	BKN	3000	62	58	7	1600	NS	66	290	5

POSITION	ZONE	TIME
0800 L 31° 56'N	BY	2+4
λ 68° 43'W	BY	2+4
1200 L 32° 07'N	BY	2+4
λ 69° 23'W	BY	2+4
2000 L 31° 37'N	BY	2+4
λ 69° 25'W	BY	2+4

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM 2000 (ZT) 19 DEC (Date)
TO 0800 (ZT) 20 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-38 N
MID. λ 68-14 W

CURRENT DATA
FROM 0800 (ZT) 20 DEC (Date)
TO 1200 (ZT) 20 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 32-01.5 N
MID. λ 69-03 W

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM 1200 (ZT) 20 DEC (Date)
TO 2000 (ZT) 20 DEC (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L 31-42 N
MID. λ 69-24 W

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400
275.3

FUEL CONSUMED 0000-2400
17,938

EXAMINED

G. R. Nelson LCDR U. S. N. NAVIGATOR

9587.9
8912.6
753

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-54)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Saturday 21 December, 19 63
(Day) (Date) (Month)

00-04 Steaming in company with U.S.S. LOWRY (DD-770) in accordance with CTG 83.2 OP-ORDER 8-63 off Bermuda. Having just completed event 19-2, this ship is still stationed 330°, 5 miles from LOWRY. OTC is Commanding Officer, U.S.S. LOWRY. Proceeding to join other elements of TU 83.2.2. The engineering plant is split with 1A and 2A boilers on the line and 2 and 4 ships service generators. Material Condition YOKE and Condition of Readiness Five are set. COMDESRON 32, embarked in this vessel is in U.S.S. RANDOLPH (CVS-15) temporarily until 22 December 1963. 2350 c/s to 5 kts. 2351 c/s to 10 kts. 2353 c/s to 5 kts. Preparing to make bathythermograph drop. 0004 Bathythermograph drop complete, c/s to 10 kts. 0005 c/s to 12 kts. 0022 c/s to 10 kts. c/c to 070°. 0053 CTE 83.2.2.2 (COMDESDIV 322) in U.S.S. VOGELGESANG (DD-862) assumed duties as OTC. Executed a column formation, to be formed in quickest sequence, on the guide, U.S.S. VOGELGESANG. Base course is 290°, base speed 12 kts. U.S.S. LAFFEY (DD-724) is proceeding to station 2, U.S.S. LOWRY to station 3 and this ship to station 4. On station the guide will bear 290°, 3000 yds. 0056 c/s to 20 kts. Proceeding to station. 0102 c/s to 25 kts. Maneuvering on various courses at various speeds while proceeding to station. 0119 c/c to 290°. 0127 c/s to 12 kts. On station. Proceeding to rendezvous with other elements of TG 83.2.

L. D. ISRAELSON
LT USN

04-08 Steaming as before. 0358 c/c to 355°. 0634 c/c to 175°. 0647 U.S.S. LOWRY, designated guide, bears 355°, distance 1000 yds. when on station. 0703 Commenced maneuvering at various courses and speeds to make bathythermograph observation. 0713 Maneuvering to regain station. 0722 On station.

R. O. DULIN Jr.
LTJG USN

08-12 Steaming as before. 0734 c/s to 10 kts. 0740 Mustered the crew on station; absentee: LUNNING, G. A., 592 74 04, RDSN. 0806 Commenced individual ship exercise. c/s to 8 kts. 0818 c/c to 250°. c/s to 10 kts. 0825 c/c to 280°. 0839 Commenced steering control casualty drill. 0847 c/c to 325 . 0901 Completed steering control casualty drill. 0903 Commenced steering by engines drill. 0904 Made daily inspection of magazines and smokeless powder samples; conditions normal. 0953 Completed steering by engines drill c/s to 15 kts. 0954 Conducting maneuvering drills at various courses and speeds. 1006 Commenced man over board drills. 1105 Completed man over board drills. Proceeding to station on starboard beam of U.S.S. VOGELGESANG at a distance of 10,000 yds. c/s to 15 kts. c/c to 120°. 1115 c/s to 25 kts. 1122 c/c to 124°.

C. M. REMOLL
LT USN

12-16 Steaming as before. 1230 Went to General Quarters. c/c to 160°. 1243 Maneuvering to take station 1000 yds. astern of U.S.S. LOWRY on b/c 160°, b/s 15 kts. for Z-17-G. 1244 Brought 1 and 3 ships service generators on the line. 1245 At 1236, Material Condition ZEBRA was set. 1303 On station. 1325 c/c to 000°. 1329 c/s to 10 kts. 1330 Cancelled Z-17-G. Set Material Condition YOKE. Secured from General Quarters. 1339 c/c to 180°. 1349 c/s to 15 kts. Ordered to take station 5000 yds. astern of U.S.S. LOWRY. Maneuvering to take station. 1350 Stationed the ASW attack team. This ship and U.S.S. LOWRY preparing to relieve U.S.S. LAFFEY and U.S.S. VOGELGESANG in contact area of event 21-4. 1351 Proceeding to take station 3000 yds. on starboard beam of U.S.S. LOWRY. 1400 Shifted the electrical load to 1 and 3 ships service generators. 1407 Secured 2 and 4 ships service generators. 1410 Detached from event 21-4 to rendezvous with U.S.S. RANDOLPH for event 21-5. c/c to 038°, c/s to 27 kts. 1522 c/c to 090°. 1526 c/c to 038°.

L. D. ISRAELSON
LT USN

APPROVED: R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY
NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP U.S.S. MULLINNIX (DD-944)

Saturday 21 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1555 c/c to 085°. 1559 c/c to 070°. 1600 c/c to 060°. 1608 c/s to 25 kts. Proceeding to station as plane guard ship 2000 yds. astern of U.S.S. RANDOLPH. 1611 c/s to 20 kts. c/c to 240°. 1613 CTG 83.2 in U.S.S. RANDOLPH assumed tactical command. 1614 c/s to 14 kts. 1616 c/s to 12 kts. 1617 On station. Base course is 235°. Base speed is 10 kts. Maneuvering to maintain station. 1713 Executed lighting measure green. c/c to 215°. c/s to 15 kts. Proceeding to take plane guard station. Stationed the plane guard detail. When on station this ship will bear 165° relative from U.S.S. RANDOLPH at a range of 1000 to 1500 yds. 1723 On station. Base course is 000°. Base speed is 20 kts. 1755 Changed base course to 010°. 1810 Changed base speed to 10 kts. 1825 c/c to 000°. 1840 Changed base course to 345°. 1851 Changed base speed to 18 kts. 1920 Changed base course to 170°. 1922 Changed base speed to 12 kts. 1926 Turned on all normal navigation lights. Proceeding to take station 2000 yds. astern of U.S.S. RANDOLPH. 1944 On station. Secured plane guard detail. ROD

R. O. DULIN Jr.
LTJG USN

20-24 Steaming as before. 2034 Stationed the plane guard detail. 2044 Set lighting measure green. 2102 Changed base course to 345°; change base speed to 18 kts. Maneuvering at various courses and speeds to maintain station. 2130 Secured the plane guard detail. Turned on standard navigation lights. 2135 Arrived on station 2000 yds. astern of U.S.S. RANDOLPH. 2137 c/s to 20 kts. c/c to 270°. 2228 c/c to 345°. Proceeding to plane guard station. 2230 Set lighting measure green. 2232 Arrived on station 2000 yds. off starboard quarter of U.S.S. RANDOLPH. Maneuvering at various courses and speeds to maintain station. Stationed the plane guard detail. 2242 Changed base course to 000°. 2245 Secured the life guard detail. 2252 c/c to 270°. c/s to 25 kts. Arrived on station 2000 yds. astern of U.S.S. RANDOLPH. 2307 Turned on standard navigation lights. 2311 Stationed the plane guard detail. 2313 Set lighting measure green. 2325 c/bc to 000°. c/bs to 20 kts. Maneuvering at various courses and speeds to maintain station 2000 yds. astern of U.S.S. RANDOLPH. 2344 Turned on standard navigation lights. 2345 Secured from flight operations.

C. M. REMOLL
LT USN

APPROVED: R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY
NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 21 DEC 19 63

AT/~~PASSAGE FROM~~ VA-CAPIES OP-AREA. ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	340	17	8	BKN	2998	62	58	8	1600	NS	66	290	6
02	340	16	8	BKN	2998	62	58	8	1600	NS	66	295	6
03	340	18	8	BKN	2998	61	58	8	1600	NS	66	295	6
04	340	20	8	BKN	2999	61	58	8	1600	NS	67	300	6
05	345	20	8	BKN	2999	59	56	8	1600	NS/CU	68	300	5
06	335	19	8	BKN	3000	59	56	8	1600	CU	68	320	5
07	335	15	8	BKN	3002	60	55	8	1600	CU	66	320	3
08	340	14	8	BKN	3005	60	55	8	1600	ST/CU	66	330	3
09	320	15	8	OVC	3006	58	52	10	1600	ST/CU	66	330	3
10	325	14	8	OVC	3010	58	52	10	1600	ST/CU	66	330	4
11	330	15	10	OVC	3008	61	54	10	1600	ST/CU	66	340	4
12	020	20	10	OVC	3005	61	54	10	1600	CU	66	330	3
13	010	20	10	OVC	3002	61	55	10	1600	CU	68	330	3
14	010	20	10	BKN	3000	62	58	7	1600	NS/CU	69	330	3
15	010	14	10	BKN	3003	62	58	8	1600	NS/CU	68	330	3
16	335	14	10	BKN	3005	59	53	9	1600	NS/CU	68	340	3
17	340	10	10	BKN	3007	57	51	5/4	1600	NS/CU	68	340	3
18	329	10	10	BKN	3010	60	54	5/4	1600	NS/CU	68	335	3
19	330	11	10	BKN	3011	60	54	3	1600	NS/CU	68	330	3
20	330	12	10	SCT	3012	61	54	2	1600	CU	68	330	3
21	325	13	10	SCT	3012	60	55	6	1600	CU	66	330	3
22	314	12	10	SCT	3012	59	54	4	1600	SC/CU	66	330	3
23	340	15	10	SCT	3012	59	54	5	1600	CU	66	330	3
24	020	10	10	SCT	3014	58	53	5	1600	CU	66	306	2

POSITION	ZONE	TIME
0800		
L 31°58'N	BY 244	
λ 70°19'W	BY 244	
1200		
L 31°45'N	BY 244	
λ 28°16'W	BY 244	
2000		
L 32°00'N	BY 244	
λ 69°38'W	BY 244	

LEGEND: 1 — CELESTIAL
2 — ELECTRONIC
3 — VISUAL
4 — D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt. (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp. (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESS. TEND. Characteristic (0-9)	3-HOUR PRESS. TEND. Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eights)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff. Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400
371.2

FUEL CONSUMED
0000-2400

EXAMINED

A. R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Sunday 22 December, 19 63
(Day) (Date) (Month)

00-04 Steaming in company with the U.S.S. RANDOLPH (CVS-15) in accordence with CTG 83.2 OP-ORDER 8-63. This ship is proceeding to station 2000 yds. astern of the U.S.S. RANDOLPH, having just completed plane guarding. Base course is 260°, base speed is 25 kts. On station the guide, U.S.S. RANDOLPH, bears 260°, 2000 yds. Other units of TG 83.2 are in the area. The engineering plant is split with 1A and 2A and 1 and 3 ships service generators on the line. Material Condition YOKE and Condition of Readiness Five are set. OTC is CTG 83.2 embarked in U.S.S. RANDOLPH. COMDESRON 32 (CTU.83.2.2) is embarked in this vessel. 0005 Arrived on station. Maneuvering on various speeds while taking station for event 22-1. 0059 Formation changed course to 340°, 16 kts. 0205 On station. c/s to 16 kts. 0215 Commenced maneuvering on various courses at various speeds while conducting event 22-1.

L. D. ISRAELSON
LT USN

04-08 Steaming as before. 0450 Assumed station 1 of a concentric circular screen. When on station the guide, U.S.S. RANDOLPH, bears 210°, distance 4000 yds. 0556 c/c to 320°. 0624 c/c to 340°. 0655 Maneuvering to make a bathythermograph observation. 0705 Observation completed, proceeding to station. 0724 On station.

R. O. DULIN Jr.
LTJG USN

08-12 Steaming as before. 0751 Stationed the helicopter detail. 0818 c/c to 000° to receive helicopter. 0827 Transferred LT E. H. MANNING (CHC), USN, and MOORE, MMC, 462 73 24, USN, to helicopter # 60. 0838 Secured the helicopter detail. Proceeding to regain station. 0853 On station. c/c to 314°. 0900 Mustered the crew on station. Absentees: LUNNING, G. A., 592 74 04, RDSN, USN. 0946 Made daily inspection of magazines and powder samples. Conditions: Normal. 0954 Stationed the helicopter detail. 0955 c/c to 000°. 0958 Received guard mail from helicopter # 60. 0959 Secured the helicopter detail. c/c to 311°. 1024 Shifted steering control to after steering. 1029 c/s to 17 kts. 1030 Shifted steering control to the bridge. 1046 c/s to 15 kts. c/c to 000°. 1119 c/c to 240°. 1123 c/c to 015°. Stationed the helicopter detail. 1127 Received CAPTAIN GLEENON, W. L., USN, from helicopter # 60. 1128 Secured the helicopter detail. c/c to 250°. c/s to 20 kts. 1137 Stationed the helicopter detail. c/c to 015°, c/s to 15 kts. 1141 Received MANNING, E. H. (CHC) from helicopter # 54. 1142 Secured the helicopter detail. c/c to 285°. c/s to 20 kts.

C. M. REMOLL
LT USN

12-16 Steaming as before. 1201 Commenced maneuvering on various courses at various speeds to take station 3000 yds. ahead of U.S.S. HAROLD J. ELLISON. 1238 On station base course 314°, speed 10 kts. U.S.S.HAROLD J. ELLISON bears 134°, 3000 yds. 1246 Executed column formation with this ship in station 1, U.S.S. HAROLD J. ELLISON, the guide in station 2, U.S.S. LAFFEY in station 3, U.S.S. VOGELGESANG in station 4, DOUGLAS H. FOX in station 5, and U.S.S. LOWRY in station 6. Base course is 314°, base speed is 16 kts. Guide bears 134°, 300 yds. 1311 This ship designated the guide. Commenced maneuvering on various courses at various speeds while conducting squadron tactical exercises. 1455 Completed squadron tactical exercises. All ships detailed for ISE within VHF range of the carrier. Commenced maneuvering on various courses at various speeds to take station 1000 yds. astern of U.S.S. LAFFEY for highline transfer. 1457 Stationed the replenishment detail. 1513 Commenced approach portside to U.S.S. LAFFEY. 1520 Alongside U.S.S. LAFFEY for highline personnel. Base course is 314°, base speed is 12 kts. Captain is in the bridge. Received first line from U.S.S. LAFFEY. 1525 Highline rigged for personnel transfer.

L. D. ISRAELSON
LT USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Rev 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP U.S.S. MULLINNIX (DD-944)

Sunday 22 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

16-20 Steaming as before. 1550 Completed transfer of observers to U.S.S. LAFFEY (DD-724) having transferred LTJG R. O. DULIN Jr., 653623, USN; LESTER, C. W., BMC, 846 20 00, USN; ROUNDTREE, H. G., BT1, 444 96 11, USN, and MEYERS, E.L., MM1, 459 72 68, USN. Commenced unrigging highline. 1555 All lines clear. c/s to 25 kts. 1556 c/c to 010°. 1558 Secured the replenishment detail. c/c to 350°. Proceeding on various courses at various speeds to take station within UHF range of U.S.S. RANDOLPH. 1700 Executed a circular formation on circle 3 with U.S.S. RANDOLPH in station 0 as guide. Base course is 314°, base speed 14 kts. Formation axis is 000°. U.S.S. LOWRY (DD-770) is in station 1, this ship in station 2, U.S.S. VOGELGESANG (DD-862) in station 3, U.S.S. HAROLD J. ELLISON (DD-864) in station 4, U.S.S. LAFFEY (DD-724) in station 5, and U.S.S. DOUGLAS H. FOX (DD774) in station 6. On station, the guide will bear 150°, 3000 yds. 1705 Arrived on station. 1740 c/c to 270°, c/s to 12 kts. 1745 U.S.S. LAFFEY and U.S.S. DOUGLAS H. FOX detached to proceed as previously directed. 1910 c/s to 5 kts. Making preparations for bathythermograph drop. 1920 Bathythermograph drop complete. c/s to 20 kts. Maneuvering to regain station. 1940 On station.

H. L. Hartman
H. L. HARTMAN
LTJG USNR

20-24 Steaming as before. 1955 c/c to 200°. 2035 c/c to 235°. 2117 c/c to 300°. 2209 c/c to 318°.

C. M. Remoll
C. M. REMOLL
LT USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U.S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS MULLINNIX DD944 ZONE DESCRIPTION +5R DATE 22 DECEMBER 19 65

~~AT~~/PASSAGE FROM TRANSIT TO NORVA ~~TO~~

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	300	15	8	SCT	3016	58	53	5	1600	CU	66	290	2
02	320	18	8	SCT	3018	57	52	5	1600	CU	66	290	2
03	320	15	8	SCT	3018	56	50	4	1600	CU	64	285	2
04	330	14	8	SCT	3019	55	49	5	1600	CU	67	300	2
05	335	15	8	SCT	3020	55	49	5	1600	CU	67	300	2
06	340	17	8	BKN	3022	55	49	7	1600	CU	67	310	2
07	340	17	8	BKN	3025	54	47	8	1600	CU	67	320	2
08	310	14	8	BKN	30.30	45	48	8	1600	CU	65	340	2
09	330	14	10	BKN	30.30	54	52	8	1600	CU	65	340	3
10	325	14	10	BKN	30.33	53	48	9	1600	CU/ST	65	335	3
11	320	13	10	BKN	3030	53	48	9	1600	CU/ST	66	330	3
12	328	15	10	BKN	3030	53	48	9	1600	CU/ST	66	330	3
13	330	15	10	BKN	3032	52	48	9	1600	CU	66	330	3
14	328	14	10	BKN	3030	51	48	9	1600	CU	66	330	3
15	328	15	10	BKN	3032	49	45	9	1600	CU	66	320	3
16	32X	18	10	BKN	3034	48	43	9	1600	CU	66	310	2
17	32X	15	10	BKN	3036	48	43	9	1600	CU	66	310	2
18	330	15	10	BKN	3038	47	43	9	1600	CU	64	310	2
19	330	20	10	BKN	3040	47	44	9	1600	CU	66	300	2
20	320	10	10	SCT	3042	48	44	5	1600	CU	67	300	2
21	355	10	10	SCT	3043	49	44	4	1600	CU	67	300	2
22	350	11	10	SCT	3043	48	44	4	1600	CU	67	300	2
23	010	12	10	SCT	3042	46	42	4	1600	CU	70	290	2
24	017	12	10	SCT	3042	45	42	3	1600	CU	58	295	2

POSITION	ZONE	TIME
0800		
L 33°49'N	BY	244
λ 21°35'N	BY	244
1200		
L 34°31'N	BY	244
λ 22°22'W	BY	244
2000		
L 35°33'N	BY	244
λ 24°12'W	BY	244

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA

FROM (ZT) (Date)

TO (ZT) (Date)

SET

DRIFT

POSITION BETWEEN FIXES

MID. L

MID. λ

CURRENT DATA

FROM (ZT) (Date)

TO (ZT) (Date)

SET

DRIFT

POSITION BETWEEN FIXES

MID. L

MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA

FROM (ZT) (Date)

TO (ZT) (Date)

SET

DRIFT

POSITION BETWEEN FIXES

MID. L

MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	$T_{ss}T_{ss}$	$T_{dd}T_{dd}$	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED 0000-2400

352.2

FUEL CONSUMED 0000-2400

EXAMINED

G. R. Nelson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Now 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Monday 23 December 19 63
(Day) (Date) (Month)

00-04 Steaming in company with Task Group 83.2 composed of U.S.S. RANDOLPH (CVS-15) and Destroyer Squadron 32 operating off the cost of Virginia in accordence with CTG 83.2 OP-ORDER 8-63. This ship in station 2 of a 6 ship circular screen with the guide, U.S.S. RANDOLPH bearing 150°, 3000 yds. U.S.S. LOWRY (DD-770) is in station 1, U.S.S. VOGELGESANG (DD-862) is in station 3, U.S.S. HAROLD J. ELLISON (DD-864) is in station 4, U.S.S. DOUGLAS H. FOX (DD-779) is in station 6. Station 5 is vacant. Formation course is 318°; formation speed is 12 kts. Formation axis is 000°. SOPA and OTC is CTG 83.2 embarked in U.S.S. RANDOLPH. Material Condition YOKE and Condition of Readiness Five are set. The engineering plant is split with 1A and 2A boilers and 1 and 3 s/s generators on the line. 0105 Shifted to starboard steering motor and cable.

L. D. ISRAELSON
LT USN

04-08 Steaming as before. 0406 Sighted Currituck Light bearing 253°, distance 19 miles. 0407 c/s to 20 kts. Detached proceeding to Norfolk, Virginia independently. 0408 Proceeding to station #1 of a single line formation. This ship is the guide. In station #2 is U.S.S. DOUGLAS H. FOX, in station #3, U.S.S. LOWRY, station #4 is U.S.S. HAROLD J. ELLISON. 0423 c/s to 12 kts. On station. 0430 c/s to 16 kts. 0500 Sighted Cape Henry Light, bearing 300°, distance 22 miles. 0517 c/c to 330°. 0532 Stationed the special sea and anchor detail. 0546 c/s to 20 kts. 0556 c/c to 286°. 0606 All ships detached to proceed into port independently. 0607 c/s to 15 kts. Entered inland waters. 0608 c/s to 10 kts. 0609 c/c to 280°. c/c to 275°. 0610 c/s to 15 kts. c/c to 280°. 0614 c/c to 283°. Proceeding to Lynn Haven Anchorage. 0615 c/c to 290°. c/s to 10 kts. 0620 Cape Henry abeam to port 200°, 2700 yds. c/c to 265°. 0621 c/c to 270°. 0622 c/c to 278°. 0624 c/s to 15 kts. 0625 c/s to 10 kts. 0628 c/c to 269°. 0632 Black buoy #1 abeam to starboard, 150 yds. 0635 c/c to 266°. 0638 c/s to 5 kts. c/c to 265°. 0641 Stopped all engines. 0642 c/c to 256°. 0644 Anchored in Anchorage #17, Lynn Haven Roads, Virginia in 37 fathoms of water, sand bottom, with 45 fathoms of chain to the starboard anchor, on the following bearings: Cape Henry Light, 115°; Signal Tower 121°; Green Buoy 020°; Ships present include U.S.S. LAFFEY, U.S.S. LOWRY, U.S.S. DOUGLAS H. FOX. SOPA is COMDESRON 32, embarked in this ship. 0650 Secured the special sea and anchor detail. 0755 Stationed the special sea and anchor detail. Making all preparations for getting underway. 0756 Made daily inspection of magazines, and smokeless powder samples: Conditions normal.

P. T. MAIER
LT USN

08-12 Anchored as before. 0814 Fog in bay, visibility two (2) miles. 0818 Underway in accordance with CTG 83.2 OP-ORDER 8-63. 0819 c/s to 10 kts. c/c to 340°. 0821 c/s to 15 kts. 0822 c/s to 335°. 0823 c/c to 330°. c/c to 325°. 0824 c/c to 315°. c/c to 320°. 0825 Entered Thimble Shoals Channel. 0826 c/c to 288°. c/c to 295°. Black buoy #5 abeam to port, 50 yds. 0827 c/c to 290°. 0829 c/s to 10 kts. 0830 Red buoy #8 abeam to starboard, 80 yds. 0831 Crossed over Hampton Roads Bridge-Tunnel. 0832 c/s to 15 kts. 0833 c/s to 20 kts. 0834 Red buoy #10 abeam to starboard 100 yds. 0837 Red buoy #12 abeam to starboard 100 yds. 0840 Red buoy #14 abeam to starboard 100 yds. 0844 Red buoy #16 abeam to starboard 100 yds. 0846 c/s to 18 kts. 0847 Red buoy #18 abeam to starboard 75 yds. 0850 Red buoy #20 abeam to starboard 80 yds. 0853 c/c to 285. Thimble Shoals abeam to starboard, 015°, 1200 yds. 0854 c/c to 270°. 0855 c/s to 11 kts. 0856 c/s to 13 kts. c/s to 15 kts. c/c to 265°. 0857 Black buoy #27 abeam to port 400 yds. 0859 c/c to 247°. 0900 c/s to 18 kts. c/c to 241°. 0901 c/s to 20 kts. c/c to 239°. 0902 c/c to 238°. 0905 Fort Wool abeam to port, 328°, 7000 yds. 0906 Black Buoy #1 abeam to port 50 yds. c/c to 234°. 0910 Black buoy #3 abeam to port, 50 yds. c/s to 15 kts. 0911 c/c to 184°. 0912 c/c to 182°. c/s to 10 kts. 0913 Black buoy #7 abeam to port 150 yds. Entered Elizabeth River Channel. 0916 Red buoy #8 abeam to starboard 50 yds. c/c to 180°. 0920 c/s to 5 kts. Rang up the maneuvering combination. 0921 Maneuvering at various courses and speeds to approach the pier. 0923 c/c to 080°. 0924 c/c to 075. 0930 Moored port side to U.S.S. DAHLGREN (DLG-12), at berth #206, pier #20, Destroyer-Submarine Piers with standard mooring lines doubled. SOPA is COMSUBLANT. 0942 Secured the special sea and anchor detail.

P. T. MAIER
LT USN

APPROVED: R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY
NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Monday 23 December 19 63
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

08-12 Moored as before. 0945 Shifted the power load to 1 and 2 ships service generators. 0950 Secured 2A boiler. 1130 LT KENNETH W. JONES (SC), USN, departed the ship under orders. 1135 Commenced fueling from the pier.

R. B. BACHMAN
ENS USNR

12-16 Moored as before. 1503 Completed fueling from the pier, having received 83,861 gallons at 60°.

D. W. SWOYER
ENS USN

16-20 Moored as before.

D. W. SWOYER
ENS USN

20-24 Moored as before.

D. W. SWOYER
ENS USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG - WEATHER OBSERVATION SHEET

USS MULLINNIX (DD-944) ZONE DESCRIPTION +5 DATE 23 DEC. 19 63

AT/PASSAGE FROM KACHAPES OBERON TO NORVA

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01	310	11	8	SCT	30.42	45	41	4	1600	Cu	57	305	3
02	315	11	8	SCT	30.39	44	40	4	1600	Cu	55	325	3
03	317	12	8	SCT	30.39	43	40	4	1600	Cu	52	335	3
04	317	12	8	SCT	30.37	42	39	5	1600	Cu	47	330	3
05	314	11	9	SCT	30.35	41	37	5	1600	Cu	47	333	3
06	313	11	10	SCT	30.33	40	38	5	1600	Cu			
07	310	10	10	SCT	30.31	43	40	5	1600	Cu			
08	308	12	10	SCT	30.28	44	40	5	1600	Cu			
09	308	12	10	SCT	30.25	45	41	5	1600	Cu			
10	305	12	10	SCT	30.22	45	41	5	1600	Cu			
11	320	13	10	SCT	30.18	44	41						
12	358	13	10	SCT	30.15	44	41						
13	355	14	10	SCT	30.12	43	40						
14	355	14	10	SCT	30.08	42	38						
15	354	14	10	SCT	30.05	42	38						
16	351	15	10	SCT	30.05	41	38						
17	350	14	10	SCT	30.02	40	38						
18	333	13	10	SCT	30.02	40	37						
19	334	13	10	SCT	30.02	39	36						
20	334	14	10	SCT	29.99	39	36						
21	333	14	10	SCT	29.99	39	36						
22	332	14	10	SCT	29.96	39	36						
23	330	13	10	SCT	29.94	38	36						
24	327	14	10	SCT	29.92	38	36						

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	Latitude (Degrees and tenths)	Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400
4,18

FUEL CONSUMED
0000-2400

EXAMINED

A R Wilson Lcdr U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Tuesday 24 December, 19 63
(Day) (Date) (Month)

00-04 Moored port side to the U.S.S. DAHLGREN (DLG-12) in birth 206, pier 20, Destroyer-Submarine Piers, Norfolk, Virginia with standard mooring lines doubled and wire out fore and aft. Moored in a nest of three (3) ships with the U.S.S. VOGELGESANG (DD-862) outboard to starboard. Other ships present include various units of the U.S. Atlantic Fleet, yard, and district craft. 1A boiler and 1 and 2 ship's service generators are on the line. Receiving water and telephone services from the pier. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel. 0330 AKERS, R. W., 541 61 76, BT3, USN, was returned to the ship by the shore patrol.

G. S. GLADDING
LTJG USN

04-08 Moored as before.

G. S. GLADDING
LTJG USN

08-12 Moored as before. 0705 Mustered the crew at quarters. Absentees: ENGLE, M. E., 517 58 10, MM3, USN. 1040 Made daily inspections of magazines and smokeless powder samples; conditions normal.

G. S. GLADDING
LTJG USN

12-16 Moored as before.

D. W. SWOYER
ENS USN

16-20 Moored as before.

D. W. SWOYER
ENS USN

20-24 Moored as before. 2204 Shifted from ship power to shore power. 2208 Secured 1A boiler. Receiving all services from the pier.

D. W. SWOYER
ENS USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix (DD-944) ZONE DESCRIPTION +5 B DATE 24 DEC 19 68

AT/PASSAGE FROM NORFOLK VA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

USS SIERRA (AD-18)

SEE

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND: 1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

G. F. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Wednesday 25 December 19 63
(Day) (Date) (Month)

00-04 Moored port side to U.S.S. DAHLGREN (DLG-12) in berth 206, pier 20, Destroyer-Submarine Piers, Norfolk, Virginia with standard mooring lines doubled and wire out fore and aft. Moored in a nest of three ships with U.S.S. VOGELGESANG (DD-862) outboard to starboard. Other ships present include various units of the U.S. Atlantic Fleet, yard and district craft. Receiving all services from the pier. Material Condition YOKE and Readiness Condition Six are set throughout the ship. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

D. W. Swoyer
D. W. SWOYER
ENS USN

04-08 Moored as before.

D. W. Swoyer
D. W. SWOYER
ENS USN

08-12 Moored as before. 0800 Mustered the crew on station: Absentees: None. Received magazine temperature and smokeless powder samples: Conditions normal.

W. F. Reisner
W. F. REISNER
ENS USNR

12-16 Moored as before.

W. F. Reisner
W. F. REISNER
ENS USNR

16-20 Moored as before.

W. F. Reisner
W. F. REISNER
ENS USNR

20-24 Moored as before.

W. F. Reisner
W. F. REISNER
ENS USNR

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O-408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG - WEATHER OBSERVATION SHEET

USS Mullinnix (DD-944) ZONE DESCRIPTION 45R DATE 25 DEC 19 63

AT/PASSAGE FROM NORFOLK VA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

SEE USS SIERRA (AP-18)

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	V_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

A. F. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Thursday 26 December 63
(Day) (Date) (Month) 19

00-04 Moored port side to U.S.S. DAHLGREN (DLG-12) in birth 206, Pier 20, Destroyer-Submarine Piers, Norfolk, Virginia, with standard destroyer mooring lines out doubled and wire out fore and aft. Moored in a nest as three (3) ships with U.S.S. VOGELGESANG (DD-862) out board to starboard. Emergency plant is on cold iron recieving all services from the pier. Other ships present include various units of the U.S. Atlantic Fleet, yard and district craft. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

W. F. Reisner
W. F. REISNER
ENS USNR

04-08 Moored as before.

W. L. Marsh
W. L. MARSH
ENS USN

08-12 Moored as before. 0750 Mustered the crew at quarters. Absentees: none. 1000 Made daily inspection of magazines and smokeless powder samples. Conditions normal.

W. L. Marsh
W. L. MARSH
ENS USN

12-16 Moored as before. 1420 HOLZ, E. W., 548 43 36, SM2, USN, departed the ship to report to Shore Patrol Headquarters, U.S. Naval Station, Norfolk, Virginia for temporary duty.

W. L. Marsh
W. L. MARSH
ENS USN

16-20 Moored as before.

W. L. Marsh
W. L. MARSH
ENS USN

20-24 Moored as before.

W. L. Marsh
W. L. MARSH
ENS USN

APPROVED: R. S. Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED: R. F. Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG - WEATHER OBSERVATION SHEET

USS Mullinix (DD-944) ZONE DESCRIPTION EST DATE 26 DEC 19 63

AT/PASSAGE FROM NORFOLK VA. TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
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16													
17													
18													
19													
20													
21													
22													
23													
24													

SEE USS SIERRA (AD-18)

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

A R Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-713 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP U.S.S. MULLINNIX (DD-944)

Friday 27 December 19 63
(Day) (Date) (Month)

00-04 Moored port side to U.S.S. DAHLGREN (DLG-12) pier 20, berth 206. Destroyer and Submarine Piers, U.S. Naval Station, Norfolk, Virginia with standard mooring lines doubled and wire out fore and aft. Moored in a nest of three (3) ships with the U.S.S. VOGELGESANG (DD-862) outboard. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. The engineering plant is on cold iron and the ship is receiving all services from the pier. Other ships present include various units of the U.S. Atlantic Fleet and yard and district craft. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

W. L. Marsh
W. L. MARSH
ENS USN

04-08 Moored as before.

F. W. Kremkau
F. W. KREMKAU
ENS USN

08-12 Moored as before. 0750 Mustered the crew at quarters. Absentees: None. 1000 Made daily inspection of magazines and smokeless powder samples. Conditions: Normal.

F. W. Kremkau
F. W. KREMKAU
ENS USN

12-16 Moored as before.

F. W. Kremkau
F. W. KREMKAU
ENS USN

16-20 Moored as before. 1630 Set Material Condition YOKE.

F. W. Kremkau
F. W. KREMKAU
ENS USN

20-24 Moored as before. 2137 ENS T. W. KREMKAU, USN, 667991, having completed temporary duty at FAAWTC, Dam Neck, Virginia, returned on board and resumed his regular duties.

F. W. Kremkau
F. W. KREMKAU
ENS USN

APPROVED:

R. S. Tisdale
R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED:

R. F. Wilson
R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O-408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullany (DD 944) ZONE DESCRIPTION +5A DATE 27 DEC 19 63

AT/PASSAGE FROM _____ TO _____

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
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16													
17													
18													
19													
20													
21													
22													
23													
24													

SEE ABS SIERRA (AD-18)

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

G R Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 15-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Saturday 28 December 19 63
(Day) (Date) (Month)

00-04 Moored port side to U.S.S. DAHLGREN (DLG-12) pier 20, berth 206, Destroyer-Submarine Piers, U.S. Naval Station, Norfolk, Virginia with standard mooring lines doubled and wire out fore and aft. Moored in a nest of three (3) ships with the U.S.S. VOGELGESANG (DD-862) outboard. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. The engineering plant is on cold iron and the ship is receiving all services from the pier. Other ships present include various units of the U.S. Atlantic Fleet and yard and district craft. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

F. W. KREMKAU
ENS USN

04-08 Moored as before.

F. W. KREMKAU
ENS USN

08-12 Moored as before. 0815 Mustered the crew on station. Absentees: None. 1000 Made daily inspection of magazines and smokeless powder samples. Conditions, normal. Made weekly inspection of magazine sprinkles system. Conditions; satisfactory.

F. W. KREMKAU
ENS USN

12-16 Moored as before.

F. W. KREMKAU
ENS USN

16-20 Moored as before.

F. W. KREMKAU
ENS USN

20-24 Moored as before.

F. W. KREMKAU
ENS USN

APPROVED: R. S. TISDALE, CDR U.S.N. COMMANDING.

EXAMINED: R. F. WILSON, LCDR U.S.N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG - WEATHER OBSERVATION SHEET

USS Mullinnix (DD-944) ZONE DESCRIPTION +5E DATE 28 DEC 19 68

AT/PASSAGE FROM NORFOLK VA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
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20													
21													
22													
23													
24													

SEE USS SIERRA (AP-15)

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

A. R. Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 18-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Sunday 29 December, 19 63
(Day) (Date) (Month)

00-04 Moored port side to U.S.S. DAHLGREN (DLG-12), pier 20, berth 206, Destroyer-Submarine Piers, U.S. Naval Station, Norfolk, Virginia with standard mooring lines doubled and wire out fore and aft. Moored in a nest of three (3) ships with the U.S.S. VOGELGESANG (DD-862) outboard. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. The engineering plant is on cold iron and the ship is receiving all services from the pier. Other ships present include various units of the U.S. Atlantic Fleet and yard and district craft. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

F W Kremkau
F. W. KREMKAU
ENS USN

04-08 Moored as before.

F W Kremkau
F. W. KREMKAU
ENS USN

08-12 Moored as before. 0820 Mustered the crew on station. Absentees; none. 0945 Made daily inspection of magazines and smokeless powder samples. Conditions; normal.

F W Kremkau
F. W. KREMKAU
ENS USN

12-16 Moored as before.

F W Kremkau
F. W. KREMKAU
ENS USN

16-20 Moored as before. 1715 Material Condition YOKE set.

F W Kremkau
F. W. KREMKAU
ENS USN

20-24 Moored as before.

F W Kremkau
F. W. KREMKAU
ENS USN

APPROVED:

R S Tisdale
R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R F Wilson
R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinnix (DD-944) ZONE DESCRIPTION USR DATE 29 DEC 19 65

AT/PASSAGE FROM NORFOLK VA. TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA

FROM (ZT) (Date)

TO (ZT) (Date)

SET

DRIFT

POSITION BETWEEN FIXES

MID. L

MID. λ

CURRENT DATA

FROM (ZT) (Date)

TO (ZT) (Date)

SET

DRIFT

POSITION BETWEEN FIXES

MID. L

MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA

FROM (ZT) (Date)

TO (ZT) (Date)

SET

DRIFT

POSITION BETWEEN FIXES

MID. L

MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

A R Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 19-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Wednesday 30 December, 19 63
(Day) (Date) (Month)

00-04 Moored port side to U.S.S. DAHLGREN (DLG-12) pier 20, berth 206, Destroyer-Submarine Piers, U.S. Naval Station, Norfolk, Virginia with standard mooring lines doubled and wire out fore and aft. Moored in a nest of three (3) ships with the U.S.S. VOGELGESANG (DD-862) outboard. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. The engineering plant is on cold iron and the ship is receiving all services from the pier. Other ships present include various units of the U.S. Atlantic Fleet and yard and district craft. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

F. W. KREMKAU
ENS USN

04-08 Moored as before.

G. S. GLADDING
LTJG USN

08-12 Moored as before. 0750 Mustered the crew at quarters; absentees, GREENE, R. E., SA, 685 77 32, USN, and WILSON, W. W., RMSN, 586 11 79, USN. 1012 WILSON, W.W., RMSN, 586 11 79, reported aboard having been UA since 0730 this date. 1041 Made daily inspections of magazines and smokeless powder samples; conditions normal.

G. S. GLADDING
LTJG USN

12-16 Moored as before. 1530 Secured steam from the pier. Commenced receiving steam from the U.S.S. VOGELGESANG (DD-862).

G. S. GLADDING
LTJG USN

16-20 Moored as before.

G. S. GLADDING
LTJG USN

20-24 Moored as before.

G. S. GLADDING
LTJG USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 15-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O-408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG - WEATHER OBSERVATION SHEET

USS Mullinnix (DD-944) ZONE DESCRIPTION 15R DATE 30 DEC 19 63

AT/PASSAGE FROM NORFOLK VA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
07													
08													
09													
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19													
20													
21													
22													
23													
24													

SEE USS SIERRA (AD-18)

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	v_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

A F Wilson LCDR U. S. N. NAVIGATOR

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP MULLINNIX (DD-944)

Tuesday 31 December 1963
(Day) (Date) (Month)

00-04 Moored port side to the U.S.S. DAHLGREN (DLG-12) in berth 206, pier 20, Destroyer-Submarine piers, Norfolk, Virginia, with standard mooring lines and wire out fore and aft. Moored in a nest of three (3) ships with the U.S.S. VOGELGESANG (DD-862) moored outboard to starboard. Other ships present include various units of the U.S. Atlantic Fleet, yard and district craft. The ship is on cold iron, receiving steam from the U.S.S. VOGELGESANG and electricity and water from the pier. Material Condition YOKE and Condition of Readiness Six are set throughout the ship. SOPA is COMSUBLANT. COMDESRON 32 is embarked in this vessel.

G. S. GLADDING
LTJG USN

04-08 Moored as before.

F. W. KREMKAU
ENS USN

08-12 Moored as before. 0750 Mustered the crew at quarters. Absentees: Mosley, W., 855 65 34, GMG2, and GREENE, K. E., 685 77 32, SA, absent without authority from muster. 1050 Made daily inspection of magazines and smokeless powder samples; Conditions: Normal.

F. W. KREMKAU
ENS USN

12-16 Moored as before.

F. W. KREMKAU
ENS USN

16-20 Moored as before.

F. W. KREMKAU
ENS USN

20-24 Moored as before. 1945 Starboard anchor is underfoot.

F. W. KREMKAU
ENS USN

APPROVED:

R. S. TISDALE, CDR U. S. N. COMMANDING.

EXAMINED:

R. F. WILSON, LCDR U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

FOR OFFICIAL USE ONLY

NAVPERS-719 (Nov 10-56)

DECK LOG—SMOOTH REMARKS SHEET

UNITED STATES SHIP _____

_____, 19____
(Day) (Date) (Month)

SMOOTH REMARKS—CONTINUED

APPROVED:

EXAMINED:

_____ U. S. N. COMMANDING.

_____ U. S. N. NAVIGATOR.

TO BE FORWARDED TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

☆ U. S. GOVERNMENT PRINTING OFFICE : 1956—O—408254

FOR OFFICIAL USE ONLY

NAVPERS-717 (REV. 10-56)

DECK LOG-WEATHER OBSERVATION SHEET

USS Mullinix (DD-944) ZONE DESCRIPTION USR DATE 31 DEC 19 63

AT/PASSAGE FROM NORFOLK VA TO

TABLE I

ZONE TIME	WIND DIRECTION (True)	WIND FORCE (Knots)	VISIBILITY (Miles)	WEATHER (Symbols)	BAROMETER (Inches)	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	CLOUDS Amount (Tenths)	CLOUDS Height	CLOUDS Type	SEA WATER TEMPERATURE	WAVES DIRECTION (True)	WAVES HEIGHT (Feet)
01													
02													
03													
04													
05													
06													
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20													
21													
22													
23													
24													

SEE USS SIERRA (AP-18)

POSITION	ZONE	TIME
0800		
L	BY	
λ	BY	
1200		
L	BY	
λ	BY	
2000		
L	BY	
λ	BY	

LEGEND:
1 - CELESTIAL
2 - ELECTRONIC
3 - VISUAL
4 - D. R.

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

TABLE II
SYNOPTIC OBSERVATIONS

ZONE TIME OF SYNOPTIC OBSERVATION	Day of week (1-7) (GMT)	POSITION OF SHIP Octant (0-3, 5-8)	POSITION OF SHIP Latitude (Degrees and tenths)	POSITION OF SHIP Longitude (Degrees and tenths)	TIME GMT	Total Cloud Amt (Coded)	WIND Direction (True) (00-36)	WIND Speed (True) (Knots)	Visibility (90-99)	WEATHER Present (00-99)	WEATHER Past (0-9)	PRESSURE Barometer Corrected (mb)	Air Temp (°F)	CLOUDS Amount of C_L Clouds (Coded)	CLOUDS Type C_L (0-9)	CLOUDS Height C_L Clouds (Coded)	CLOUDS Type C_M (0-9)	CLOUDS Type C_H (0-9)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Y	Q	$L_aL_aL_a$	$L_oL_oL_o$	GG	N	dd	ff	VV	ww	W	PPP	TT	N_h	C_L	h	C_M	C_H

CURRENT DATA
FROM (ZT) (Date)
TO (ZT) (Date)
SET
DRIFT
POSITION BETWEEN FIXES
MID. L
MID. λ

Course of Ship (0-9)	Speed of Ship (0-9)	3-HOUR PRESSURE TENDENCY Characteristic (0-9)	3-HOUR PRESSURE TENDENCY Amount Change (mb and tenths)	SIGNIFICANT CLOUD Indicator	SIGNIFICANT CLOUD Amount (Eighths)	SIGNIFICANT CLOUD Type	SIGNIFICANT CLOUD Height	Indicator	Diff Sea Air °F	Dew Point °F	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES Height	WAVES Indicator	WAVES Direction (00-36)	WAVES Period	WAVES HEIGHT	ICE Kind	ICE Effect	ICE Bearing	ICE Distance	ICE Orientation
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
D_s	V_s	a	pp	8	N_s	C	h_sh_s	0	T_sT_s	T_dT_d	1	d_wd_w	P_w	H_w	1	d_wd_w	P_w	H_w	c_2	K	D_i	r	e
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								
				8				0			1				1								

MILES STEAMED
0000-2400

FUEL CONSUMED
0000-2400

EXAMINED

R. R. Wilson LCDR U. S. N. NAVIGATOR