

BOMBER COMMAND REPORT ON NIGHT OPERATIONS.

31ST MARCH/1ST APRIL, 1944.

Essen Leaflets : Special operations.

SUMMARY.

1. Essen. 2 Mk.1 Mosquitos and 1 ALBUM LEAF attacked Krupp's works at Essen, the ALBUM LEAF and one Mk.1 on OBOE, and the other aircraft on D.R. Each dropped a 4,000-lb bomb. All returned safely.
2. Leaflets. 15 Wellingtons and Whitleys were sent from Training Groups to scatter leaflets over Northern France. All but one completed their task. No casualties were sustained.
3. Special Operations. 23 aircraft of 3 Group were despatched on special missions over the Continent. 21 completed their sorties. One Halifax was lost without trace.

WEATHER FORECAST.

1. Bases : - Variable convection cloud; wintry showers near east coast. Moderate visibility, with local smoke troubles. A belt of wintry precipitation, with cloud to great heights and patches below 1,000', will be across S. England from London to Anglesey.
2. Germany :- Much heavy convection cloud, towering high, will cover the North Plain almost to Berlin. Little cloud further south.
3. France :- Little cloud, except over north coast.

RESULTS.

	<u>Essen.</u>	<u>Leaflets.</u>	<u>Spec.</u>
No. of aircraft despatched	3	15	28
No. of aircraft reporting attack on primary aim	3	14	21
No. of abortive sorties	0	1	6
No. of aircraft missing	0	0	1

WEATHER EXPERIENCED.

1. Bases: - Frequent showers in evening. Widespread mist and fog in East Anglia after midnight.
2. Essen:- No cloud. Good visibility.

ENEMY DEFENCES.

1. No fighters were seen. All 3 aircraft on Essen were held for 7-10 minutes in searchlight cones at 30,000', and were engaged by intense and accurate heavy flak. This unusual activity is attributed to the enemy's concern with the 4,000-lb. bombs now carried on our harassing attacks.

CASUALTIES.

1. One Halifax of 3 Group, failed to return from a special sortie over the Continent. The cause and place of its loss are unknown. A Mosquito was slightly damaged by flak over Essen, and a Whitley was hit while crossing the French coast N. of Caen.

FM/111
C/S. 26342/6/ORS.4
16th June 1944.

TARGET	GROUP	AIRCRAFT TYPE	BORING	A/C REPORTING DAMAGE				GROUNDS REPORTS		MISSING	DAMAGE				EVALUATIONS		RESULTS	
				BELOW AREA	AFT. AREA	OVN. N. V.	NOT OVN. N. V.	FLY	PIPER		ENG. BOMBS	NOT DIE TO N/A	APPROX. LB	NOT ATTACKED	HQ.	Inv.		
BOHEM	8	Long XVI	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4 32000.
LILYPADS	21	Walt.	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
	52	Well. III	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Well. X	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
	90	Well. Io	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Well. III	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Well. X	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
LILYPAD TOTAL			15	14	-	-	1	-	1	-	-	-	-	-	-	-	-	
GRAND TOTAL			18	17	-	-	1	-	2	-	-	-	-	-	-	-	-	
LILYPADS: 15 - IS PLAS: 1. PLAS: 1. PLAS: 1. PLAS: 1. PLAS: 1. PLAS: 1. PLAS: 1. PLAS: 1. PLAS: 1. PLAS: 1.																		
* SPEC. OPS.	3	Various	26	-	-	-	-	-	1	-	-	-	-	-	-	-	-	

O. R. S. 2.

* NOT INCLUDED IN GRAND TOTAL.

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BOMBER COMMAND REPORT ON NIGHT OPERATIONS

1/2nd APRIL, 1944

Hannover: Ruhr: La Glacerie: Himelaying: etc.

RAI

Hannover 35 Mosquitos carried out a harassing attack on Hannover. Aircraft dropped markers, which were clearly visible through the thin cloud. Excellent concentration of bombing was achieved. From this and all other operations completed on this night, all aircraft returned safely.

Aachen 7 Mk. I Mosquitos attacked Aachen, 4 on OBOE and 3 on D.R.

Krefeld 6 Mk. I Mosquitos were despatched to Krefeld. 5 bombed the city, one on OBOE and 4 on D.R. The sixth attacked Duren.

La Glacerie 2 ALBUM LEAF Mosquitos made successfully controlled runs against the flying-bomb site at La Glacerie.

Himelaying 34 Halifaxes laid 129 mines off the Dutch coast and the Germans without incident.

Fighter patrols 4 Mosquitos completed SERRAEB patrols without detecting any hostiles.

Special operations 10 aircraft made special sorties over the Continent.

WATER FORECAST

Midnight frontal positions:- (1) warm front Lyons - $50^{\circ}\text{N } 03\frac{1}{2}^{\circ}\text{E}$ - South - Edinburgh - Stormway - $60^{\circ}\text{N } 15^{\circ}\text{W}$. (2) cold front $60^{\circ}\text{N } 15^{\circ}\text{W}$ - $55^{\circ}\text{N } 15^{\circ}\text{W}$.

Bases:- Low stratus, base everywhere below 1,000'. Drizzle.

Germany:- Fine weather E. of 10°E . Moderate visibility. Broken cloud in W.

France:- Little cloud in Central France. Broken layer cloud in N. and very low stratus in N.W.

RESULTS

	Bombing	Himelaying
No. of aircraft despatched.....	50	34
No. of aircraft reporting attack on primary area.....	49	34
No. of aircraft reporting attack on alternative area..	1	0
No. of aircraft missing.....	0	0

WATER EXPERIENCED

Bases:- Rain and low cloud spread from the S.W., reaching a line Thomas - Isle of Man by midnight, and covering the country by 0500.

Hannover:- 4-8/10ths cloud, tops 12,000'.

Ruhr:- Patchy cloud. Clear over Krefeld, 5-8/10ths at Aachen.

...../La Glacerie

La Glacerie:- 10/10ths strat-cumulus, alto-stratus and cirrus.

Dutch coast and Frisians:- Little strat-cumulus. 4-5/10ths. alto-stratus.

ENEMY DEFENCES

11. Fighters reacted to our operations, but failed to make any interceptions. 40-60 searchlights formed cones at Hannover, into which the heavy guns fired a moderate amount of flak. 2 Mosquitos were coneed at Knafeld, but escaped damage. The minelayers met no opposition except from flak-ships.

C.SU.LTIES

12. No aircraft was lost. 2 Mosquitos were slightly damaged by flak over Hannover.

MLW/ED
EC/S.26342/6/ORS.4
7th July, 1944.

TARGET	GROUP	AIRCRAFT	SORTIES	✓✓✓✓✓✓✓✓		✓✓✓✓✓✓✓✓		MISS-ING	DAMAGE				INVESTIGATIONS		RESULTS		
				PRIME	LLY.	OVER	POT		FLAK	FIGHTER	BRIT. INC. BOMBS	NOT DUE TO E/A	ATTACKED	NOT ATTACKED	H.S.	DE	
HANNOVER	B	Mosq. IV Mosq. IX Mosq. XVI Mosq. XX	17 5 11 2	17 5 11 2	- - - -	- - - -	- - - -	- - - -	1 - 1 -	- - - -	- - - -	- - - -	- - - -	- - - -	41.1 13 x 4000 lbs	- - - -	
HANNOVER TOTAL			35	35	-	-	-	-	2	-	-	-	-	-	-	6.3	-
CHOP	B	Mosq. IV Mosq. IX Mosq. XVI	4 2 1	4 2 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	4.5	-
CHOP TOTAL			7	7	-	-	-	-	-	-	-	-	-	-	-	4.5	-
KNAPFELD	B	Mosq. IX Mosq. XVI	3 3	3 2	1 -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	1.8	-
KNAPFELD TOTAL			6	5	1	-	-	-	-	-	-	-	-	-	-	1.8	-
LA GLACERIE	B	Mosq. IX	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
LA GLACERIE TOTAL			2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
NEBELYDE		Hal. III	3	3	-	-	-	-	-	-	-	-	-	-	-	9 mines	-
G. TEXEL		Hal.	3	3	-	-	-	-	-	-	-	-	-	-	-	9 mines	-
TEXEL		Hal.	3	3	-	-	-	-	-	-	-	-	-	-	-	18 mines	-
TEXEL		Hal.	6	6	-	-	-	-	-	-	-	-	-	-	-	95 mines	-
TEXEL TOTAL			12	12	-	-	-	-	-	-	-	-	-	-	-	122 mines	-
DELTA	100	Mosq.	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
DELTA TOTAL			4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL			89	87	1	-	-	-	2	-	-	-	-	-	-	24.1	-
(SPEC. OPS.)	3	Various	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(SPEC. OPS.)	100	Various	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(SPEC. OPS.) TOTAL			10	-	-	-	-	-	-	-	-	-	-	-	-	-	-

O.R.S. 3.

NOT INCLUDED IN GRAND TOTAL

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

4/5th APRIL, 1944

Cologne : Ruhr : La GlacerieARY

Cologne 41 Mosquitos (4 H2S, 2 OBOE Mk.I, 4 OBOE Mk.II and 31 non-OBOE) carried out a harassing attack on Cologne. All the marker aircraft, except one Mk.I, and T.I. by means of their precision devices. There was no cloud, visibility was good, and both the marking and the bombing were well concentrated, mostly to the west of the river bend. From this and all other operations on this night, all aircraft returned safely.

Essen 2 Mk.I and 2 Mk.II Mosquitos attacked Krupp's works at Essen, all but one of the Mk.I on OBOE.

Aachen 5 Mk.I Mosquitos attacked Aachen, all except one on OBOE.

Duisburg 3 Mk.I Mosquitos were despatched against the Rheinhausen branch of the night Stahlwerke. One attacked on OBOE and one on D.R.; the third abandoned task for technical reasons.

Krefeld 2 Mk.I Mosquitos visited the Edel steel works at Krefeld, one on OBOE and one on D.R.

La Glacerie 2 Mk.II Mosquitos made successfully controlled runs against the target-situ at La Glacerie.

WEATHER FORECAST

Midnight frontal positions:- (1) Occlusion from 57°N. 07°E. - Stettin - East Alps. (2) Warm front over British Isles, approaching from S.W.

Bases:- Thick cloud layers at dusk, with poor conditions in 1, 4 and 6 (base below 1,000' and visibility 1-2,000 yards). Fog and low stratus will be widespread after midnight, although East Anglia should hold until 0200.

Germany:- Residual convection cloud in N.E., with breaks. Much layered cloud, and thick medium cloud, in frontal zone. Good clearances in S. Thick medium cloud in N. of occlusion.

France:- Much low stratus in N.W. 10/10ths layer cloud along west coast. A residual convection cloud in N. Good clearances in strato-cumulus in S.W. Much cumulus and strato-cumulus at dusk, dispersing slowly; no guarantee of more than 5/10ths at any time. Le Havre - Morlaix: slightly broken cumulus and strato-cumulus at 1,000'.

RESULTS

No. of aircraft despatched	57
No. of aircraft reporting attack on primary area	56
No. of abortive sorties	1
No. of aircraft missing	0

WEATHER EXPERIENCED

Bases:- As forecast. East Anglia remained fit
Ruhr area: Little or no cloud, except at Krefeld (6-8/10ths at 10,000').
La Glacerie: 10/10ths strato-cumulus, tops 19,000'. Poor visibility.

DEFENSES

No fighters were seen. In the clear weather, several Mosquitos were engaged at Cologne and the Ruhr, and were engaged by accurate "seen" fire.

/11

CASUALTIES

11. No aircraft was lost. 4 Mosquitos sustained slight damage, 3 over Cologne and one over Essen.

MLM/MTA
BC/S.2634/2/6/ORS4
6th July, 1944

TARGET	GROUP	AIRCRAFT TYPE	MISSES A/C REPORTING		ABORTIVE SORTIES		MISSED	FLAY	DAMAGE	BURN. INC. BOMBS	BOMBS DUE TO ENGINE FAILURE	ATTACHED	NOT ATTACHED	H.E.	INC.
			FROM AREA	ALT AREA	OVER E.T.	OVER E.T.									
COLOGNE	B	Mos. IV	15	15	-	-	-	-	-	-	-	-	-	4.9	1.6
		Mos. IX	10	10	-	-	-	2	-	-	-	-	-	-	-
		Mos. XVI	13	13	-	-	-	-	-	-	-	-	-	-	-
		Mos. XX	3	3	-	-	-	1	-	-	-	-	-	-	-
COLOGNE	TOTAL	41	41	-	-	-	3	-	-	-	-	-	-	-	
ESSEN	B	Mos. IX	1	1	-	-	-	1	-	-	-	-	-	4.5	-
		Mos. XVI	3	3	-	-	-	-	-	-	-	-	-	-	1 x 4000 lbs
ESSEN	TOTAL	4	4	-	-	-	1	-	-	-	-	-	-	-	
AACHEN	B	Mos. IV	2	2	-	-	-	-	-	-	-	-	-	4.5	-
		Mos. IX	2	2	-	-	-	-	-	-	-	-	-	-	-
		Mos. XVI	1	1	-	-	-	-	-	-	-	-	-	-	-
AACHEN	TOTAL	5	5	-	-	-	-	-	-	-	-	-	-	-	
DUISBURG - REINHELDEN	C	Mos. XI	-	-	-	-	1	-	-	-	-	-	-	3.6	2 x 4000 lbs
KREFELD	B	Mos. IV	-	-	-	-	-	-	-	-	-	-	-	1.8	-
		Mos. IX	-	1	-	-	-	-	-	-	-	-	-	-	-
KREFELD	TOTAL	2	2	-	-	-	-	-	-	-	-	-	-	-	
LA GLACIERE	B	Mos. IX	1	1	-	-	-	-	-	-	-	-	-	3.6	-
		Mos. XVI	1	1	-	-	-	-	-	-	-	-	-	-	-
LA GLACIERE	TOTAL	2	2	-	-	-	-	-	-	-	-	-	-	-	
GRAND TOTAL			57	56	-	-	1	4	-	-	-	-	-	536	

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

5/6th APRIL 1944

TOULOUSE : Minelaying : etc.KEY

Toulouse The airfield and aircraft assembly plant at Toulouse were attacked by aircraft of 5 Group with tremendous effect. The target was accurately marked by bright moonlight, and the bombing was highly concentrated. One of the 148 aircraft engaged was lost.

Minelaying 24 Stirlings were despatched to lay mines in the Bay of Biscay. They completed their task, laying 86 mines. All returned safely.

Special Operations 37 Halifaxes, Stirlings, Hudsons and Lysanders were engaged on special operations. All returned safely.

WEATHER FORECAST

Bases:- After midnight, the whole area N.E. of a line Liverpool-London will be affected by very low cloud and fog. S.W. of the line, there will be well mixed layer cloud with moderate visibility. Before midnight, 5 Group will have broken strato-cumulus and 3 and 8 Groups towering convection cloud.

Germany:- Broken residual convection cloud. Local thunderstorms in N.

France:- Broken residual convection cloud. Small amounts in S.

RESULTS

	<u>Toulouse</u>	<u>Mining</u>
No. of aircraft despatched	148	24
No. of aircraft reporting attack on primary area ...	141	23
No. of abortive sorties	7	1
No. of aircraft missing	1	0
	(0.6%)	
No. of mines laid		86

WEATHER EXPERIENCED

Bases:- As forecast.

Toulouse:- Cloudless. Good visibility. Moon nearly full.

France:- Fine. Broken medium cloud. Good visibility.

RECONNAISSANCE (Toulouse)

The target area contained 4 priority objectives - the S.M.T.A.S.E. aircraft assembly plant, the Ateliers Regionaux de l'Armement de l'Air (aircraft repair works), the Louis Breguet aircraft factory and the Montaudran airfield. All suffered serious damage. Most of the buildings in them were destroyed or badly damaged. A number of aircraft were affected on the ground.

DEFENCES

2 fighters were seen on the way to Toulouse, but neither made an attack. Moderate heavy flak was met from the target, bursting between 8-10,000 ft. Searchlights were ineffective. No flak was met en route. The enemy controllers believed that an attack on Southern Germany was intended, and held their aircraft accordingly. Minelayers encountered slight flak from coastal batteries, and saw one fighter.

CASUALTIES

One Lancaster was lost on Toulouse. It was probably shot down by flak over the target towards the end of the raid. 4 other Lancasters and one minelayer were damaged by flak, but none seriously.

/MEA

C. 25342/4/CRS4

13 July, 1944

TOWN	GRADE	LEGION	SORTING	W/O REPORTING				HISC-ING	MATERIAL				TOTAL			
				PLAC ON		SHORTS			PLAC	PARTIAL	MIL. INC. BOBS	NOT DUB '00	PLAC-ED	MIL. INC-ED	TOL. Inc.	Ino.
				PRD. J.R.	LA. J.R.	OVER E. T.	NOT OVER E. T.									
TOULOUSE	5	Lanc. I	62	57	-	3	2	1	3	-	-	-	-	-	-	513.0 106.0 364,000lb 16x8,000lb
		Banc. III	85	83	-	-	2	-	1	-	-	-	-	1	-	
		Moq. XVI	1	1	-	-	-	-	-	-	-	-	-	-	-	
TOULOUSE TOTAL			148	141	-	3	4	1	4	-	-	-	-	1	-	
MINING																
MINING	5	La. PACIFIC	7	6	-	-	1	-	-	-	-	-	-	-	-	86 mines
		GIRARD RIVER	11	11	-	-	-	-	1.02	-	-	-	-	-	-	
		B. T. RIVER	4	4	-	-	-	-	-	-	-	-	-	-	-	
		ST. JAMES de LAUZ	2	2	-	-	-	-	-	-	-	-	-	-	-	
MINING TOTAL			24	23	-	-	1	-	1.02	-	-	-	-	-	-	
GRAND TOTAL			172	164	-	3	5	1	4.42	-	-	-	-	1	-	
SPECIAL OPS.	5	Various	57	-	-	-	-	-	-	-	-	-	-	-	-	

Q.R. 3.3.

* NOT INCLUDED IN GRAND TOTAL

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BOMBER COMBAND REPORT ON NIGHT OPERATIONS

6/7th APRIL, 1944

Hamburg: Ruhr: Cologne: etc.

Hamburg 35 non-OBOE Mosquitos, including 4 Y-aircraft, were sent to Hamburg. 2 Y-aircraft dropped markers on H2S, and a good concentration of incendiary bombs was built up around these, which were seen to have fallen in the centre of the built-up area. 3 aircraft were abortive; and one was lost.

Duren 3 Mk. I Mosquitos were sent to Duren; but all had OBOE failure and bombed on D.R. From this and all other operations on this night, except the attack on Hamburg, all aircraft returned safely.

Rheinhausen 2 Mk. I Mosquitos attacked Rheinhausen, one on OBOE and the other on D.R.

Hagen 2 ALBUM LEAF Mosquitos bombed the accumulator works at Hagen, one on OBOE and one on D.R.

Wuppertal 2 Mk. I Mosquitos were despatched to Wuppertal/Elberfeld; but a change of wind threw both off their course, and they bombed Cologne on D.R.

Aachen 2 Mk. I Mosquitos made successfully controlled runs against Aachen.

Essen One Mk. II Mosquito bombed Krupp's works at Essen on OBOE.

Cologne 2 ALBUM LEAF Mosquitos attacked Cologne on OBOE.

Special operations 3 aircraft of 100 Group made special sorties over the Continent.

WEATHER FORECAST

Bases:- Most areas will have low cloud and poor visibility. East of the Channel will be fit at dusk, with cloud at 1,000 - 1,500', but will not be available after 0100. Diversions after that hour to 93 Group and S. Wales.

Germany:- S. of a line Ruhr - Stettin - Danzig: much cloud in layers to 10,000', with cumulo-nimbus protruding. Good breaks N. of the line.

France:- Much strato-cumulus in N.E. Fair chance of little cloud in the Channel. Further S. and E., broken medium cloud at 15,000', with well broken below. Cloud will increase and thicken to the W.

ESS

No. of aircraft despatched.....	(Bombing only)
No. of aircraft reporting attack on primary area*	49
No. of aircraft reporting attack on alternative area.....	44
No. of abortive sorties.....	2
No. of aircraft missing.....	3
No. of aircraft missing.....	1

* This figure will in future include the number of missing aircraft.

..../NOT

WEATHER EXPERIENCED

12. Bases:- As forecast

Hamburg:- No cloud. Ground haze.

Ruhr area:- 10/10ths stratocumulus, tops 4,000', with patches of cirro-stratus and medium cloud at 18,000'.

Full moon.

ENEMY DEFENCES

13. No fighters were seen. Searchlights covered many aircraft over Hamburg where contrails were clearly visible in the bright moonlight, and moderate to intense flak was fired into the cones. Little opposition was met from the other targets.

CASUALTIES

14. One Mosquito was lost without trace on Hamburg. 3 Mosquitos were slightly damaged by flak, 2 over Hamburg and one (at 32,000') over Cologne.

MLM/RMD
BC/S.26542/6/ORS.4
7th July, 1944.

TARGET	GROUP	AIRCRAFT TYPE	SORTIES	AC RECORDED		SORTIVE		MIS- HAG	FLAK				DAMAGE		REMARKS		
				DOWN	DOWN	OVER	NOT		FLK	PREMIA	INT.	DOT	ATTAC-	HOT	HAG	Inc.	
				DOWN	DOWN	S.T.	OVER						DUR TO				
HAMBURG	G	Mosq. IV	17	17	-	-	-	1	1	-	-	-	-	-	-	-	40.2
		Mosq. IX	4	2	-	1	1	-	1	-	-	-	-	-	-	-	-
		Mosq. XVI	11	10	-	-	1	-	-	-	-	-	-	-	-	-	-
		Mosq. XX	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
HAMBURG TOTAL			35	32	-	1	2	1	2	-	-	-	-	-	-	-	8.7
DUISBURG	G	Mosq. IV	3	3	-	-	-	-	-	-	-	-	-	-	-	-	3.6
HAMBURG	G	Mosq. IX	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1.5
		Mosq. XVI	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
WUPPERTAL	G	Mosq. XVI	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
WUPPERTAL TOTAL			2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
DUISBURG	G	Mosq. IX	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1.8
DUISBURG	G	Mosq. XVI	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1.8
COLOGNE	G	Mosq. IX	2	2	-	-	-	-	1	-	-	-	-	-	-	-	2.5
GRAND TOTAL			49	44	2	1	2	1	3	-	-	-	-	-	-	-	-
SPECIAL OPERATIONS		100	Various	3	-	-	-	-	-	-	-	-	-	-	-	-	-

O.R.S. 4

* NOT INCLUDED IN GRAND TOTAL

540

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

7/8th APRIL, 1944

Mine laying: etc.

Mine laying. 12 Halifaxes each laid 3 mines off Texel and the Dutch coast without incident.

Fighter patrols 4 Mosquitos of 100 Group completed SERRAVALLO patrols without intercepting any enemy aircraft.

Special Operations One aircraft of 100 Group made a special sortie over the Continent.

FORECAST

Bases: Fog will develop soon after midnight, if cloud breaks. Much broken and high cloud in evening.

Germany: Much strato-cumulus, with some breaks.

France: Much medium and high cloud, with thundery rain in W.

	<u>Mining</u>	<u>Other Ops.</u>
No. of aircraft despatched	12	5
No. of aircraft completing mission	12	5
No. of aircraft missing	0	0

EXPERIENCED

Bases:- As forecast. Yorkshire remained fit throughout the operation with broken strato-cumulus at 2,000'.

Texel and Dutch coast:- 10/10ths stratus at 5-7,000' between Texel and the coast. Further east, broken strato-cumulus at 2,500'. Poor visibility.

REMARKS

The minelayers met no opposition; but the fighters reported considerable German airfields.

REMARKS

All our aircraft returned undamaged.

2/6/ORS.4

1944.

EQUIP	GROUP	DESCRPT TYPE	SORTIES	A/C REPORTING TRACK ON		ABORTIVE SORTIES		MISS- ING	DAMAGE				INTERCEPTION		RESULTS	
				PRIM. AREA	ALT. ARE.	OVER R. T.	NOT OVER E. T.		PLAN	FIGHTER	BRIT. INC. BOMB	NOT DUE TO R/A	ATLACK- ED	NOT ATLACK- ED		
MINELAYING TRAIL	4	Hal.	6	6	-	-	-	-	-	-	-	-	-	-	-	18 mines
S. of TRAIL		Hal.	6	6	-	-	-	-	-	-	-	-	-	-	-	18 mines
MINELAYING TOTAL			12	12	-	-	-	-	-	-	-	-	-	-	-	36 mines
SERVICES	100	Engg.	4	4	-	-	-	-	-	-	-	-	-	-	-	
GRAND TOTAL			16	16	-	-	-	-	-	-	-	-	-	-	-	
(SPECIAL OPERATIONS	100	Various	1	-	-	-	-	-	-	-	-	-	-	-	-	

C. R. S. 3.

* NOT INCLUDED IN GRAND TOTAL.

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BOMBER COMMAND REPORT ON NIGHT OPERATIONS

8/9th APRIL, 1944

Ruhr : Minelaying : etc.

RY

Essen 40 Mosquitos (4 Mk.I, 4 Mk.II and 32 non-OBOE) attacked Krupp's works Essen. All but one of the OBOE aircraft made successfully controlled runs, the bombs were well placed, and the bombing was concentrated round them. Fifteen 100 lb. bombs were included in the load. From this and all other operations on the night, all aircraft returned to base.

Osnabruck 3 Mk.II Mosquitos were despatched to Osnabruck, but none made successfully controlled runs. One attacked on OBOE, despite partial failure, and the other 2 on D.R.

Duisburg 2 Mk.I and 1 Mk.II aircraft attacked Rheinhausen; one of the attacks was on OBOE and the others on D.R.

Minelaying 8 Halifaxes laid 16 mines off Texel and Den Helder without incident.

Special Operations 2 aircraft of 100 Group made special sorties over the Ruhr.

WEATHER FORECAST

Bases:- Much cloud at 1,000' or below. Frontal roid and low cloud will be a line London-Penrhos by midnight.

Germany:- Little cloud beyond 10°E. Much medium and high cloud in W.

France:- Covered with low and medium cloud, with thundery showers.

RESULTS

No. of aircraft despatched	56
No. of aircraft completing sorties	56
No. of aircraft missing	0

WEATHER EXPERIENCED

Bases:- Visibility became generally poor by midnight, and later mist and drizzle became widespread.

Ruhr:- 10/10ths medium cloud to 12,000', with 4-6/10ths cirrus above

Texel and Den Helder:- Well broken strato-cumulus at 4,000'. Thin upper cirrus. Moderate visibility.

DEFENCES

No fighters were seen. Slight to moderate heavy flak was met over the Ruhr, and a few searchlights exposed.

LOSSES

No aircraft was lost, but one Mosquito was very badly damaged by flak over the Ruhr.

6342/6/ORS4
17, 1944

LIGHT	GROUP	MACHINE GUN TYPE	SORTIES	% REPORTING				DROPPAGE		DIVERGENCE				RESULTS		
				ATTACK ON		SCOOTING		FLK	PERCENT	HIT. INC. BOMB	NOT DUE TO R/V	OFF OR ED	NOT RECORDED	TK.	Inc.	
				PRM. RES.	LT. RES.	OVER E. T.	NOT OVER E. T.									
ESSEX	8	Mosq. IV	18	18	-	-	-	-	-	-	-	-	-	-	45.1	1.3
		Mosq. IX	8	8	-	-	-	-	-	-	-	-	-	-	-	-
		Mosq. XVI	13	13	-	-	-	-	1B	-	-	-	-	-	-	15x4000lbs.
		Mosq. XX	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ESSEX TOTAL			40	40	-	-	-	1B	-	-	-	-	-	-	-	-
OSN. BOMB	8	Mosq. IX	1	1	-	-	-	-	-	-	-	-	-	-	-	2.7
		Mosq. XVI	2	2	-	-	-	-	-	-	-	-	-	-	-	-
OSN. BOMB TOTAL			3	3	-	-	-	-	-	-	-	-	-	-	-	-
DUISBURG	8	Mosq. XVI	3	3	-	-	-	-	-	-	-	-	-	-	-	3.6
																2x4000lbs.
BOMBING TOTAL			46	46	-	-	-	1B	-	-	-	-	-	-	-	-
MINELAYING TECH. S. of WHEEL	4	Hal.	4	4	-	-	-	-	-	-	-	-	-	-	-	8 mines
		Hal.	4	4	-	-	-	-	-	-	-	-	-	-	-	8 mines
MINELAYING TOTAL			8	8	-	-	-	-	-	-	-	-	-	-	-	16 mines
GRAND TOTAL			54	54	-	-	-	1B	-	-	-	-	-	-	-	-
* (SPECIAL OPERATIONS)	100	Various	2	-	-	-	-	-	-	-	-	-	-	-	-	-

O. R. S. 2

* NOT INCLUDED IN GRAND TOTAL

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BOMBER COMMAND REPORT ON NIGHT OPERATIONS

9/10th APRIL 1944

VILLENEUVE ST. GEORGE M/Y ; LILLE M/Y ; Mannheim ; Ruhr ;
 Minelaying, etc.

SUMMARY

The marshalling yards at Villeneuve St. George, in the Paris area, and at Lille were heavily damaged by accurate groundmarking attacks, carried out in clear weather. Over 200 aircraft were sent to each target, and only one was lost. 36 Mosquitos made a concentrated raid on Mannheim, dropping fifteen 4,000 lb. bombs; other Mosquitos visited Osnabruck, Duisburg, Dusseldorf and Cologne. Lancasters dropped 439 mines off Danzig, Gdynia and Pillau, and other aircraft scattered leaflets over France, bombed enemy airfields, carried out fighter patrols and made special operations over the Continent. From these subsidiary operations, 11 aircraft were

WEATHER FORECAST

Bases:- Fit all night, apart from smoke troubles in S. of 4 Group and occasionally elsewhere.
 Germany:- Much frontal cloud in W., base 1,000', tops 20,000'. Beyond this, low cloud will lift and medium cloud thin. Danzig and Koenigsburg: clear with cirrus levels, from 10°E. Good lanes in layer cloud en route. Much medium and low cloud over Central and Southern Germany.
 France:- Front will move north-eastwards, giving thick medium and low cloud, with rain. Paris should be clear before midnight, with no cloud and excellent visibility. Lille may be clear by 2300; to postpone the T.O.T. would mean take-off delays in 4 Group.

VILLENEUVE ST. GEORGE M/Y

DESCRIPTION OF ATTACK

Route See route map.

Method of attack OBOZ groundmarking. 2 Mosquitos on each of Channels 1 and 2 with 2 reserves on each Channel, were to mark the Northern aiming-point with red flares, followed by 2 Mosquitos + 2 reserves on Channel 3 with green T.I. The same Mosquitos were to mark the Southern aiming-point in the 2nd and reserve periods. Forward crews were to aim at reds if possible, otherwise at the centre of the (accurate) greens. Line of approach 217 $\frac{1}{2}$ ° from A/P. Bombing height: 12-14,000'. Aircraft failing to bomb in their correct wave were to attack in the reserve period. Bombs not visible, bombs were to be brought back.

Timing Zero hour: 2355
 Duration of attack: 2355-0025

6 Mosq. @ z-2, z-1, z (2 per min.)
 108 a/c @ z to z+6

6 Mosq. @ z+10, +11, +12 (2 per min.)
 107 a/c @ z+12 to z+24

6 Mosq. @ z+22, 23, 24 (2 per min.)
 reserve period @ z+24 to z+30

MINELAYING
 1 bundle per minute from 5000N 0025W
 2 bundles per minute from 4823N 0154E
 1 bundle per minute from 4910N 0213E

/SORTIES

SORTIES

7.	No. of aircraft despatched	225
	No. of aircraft reporting attack on primary area	213 (9)
	No. of abortive sorties	12 (5)
	No. of aircraft missing	0

WEATHER EXPERIENCED

8. Bases:- Little cloud. Local fog and stratus in southern operational air fields towards dawn.
Route:- 5-3/10ths, tops 6,000', over North Sea. Otherwise small amount strato-cumulus at 3-4,000'.
Target:- Almost cloudless. Slight haze. Three-quarters moon. Wind at 13-15,000' : 260/30-35 m.p.h.

NARRATIVE OF ATTACK

9. One of the first pair of green T.I., dropped early at 2-4, fell on the aiming-point, but burnt out after 2 minutes. The other landed 2650 yards to the N.W. and burned for 8 minutes. The first salvo of reds also fell in this position and aided the bombing in the early stages. Later, however, the attack became concentrated round the second salvo of reds close to the aiming-point. On the southern aiming-point, the green T.I. (Channel 3) were again over 2,000 yards out of position, but the reds were accurate and attracted nearly all the bombing. OBOE serviceability was good; one Mosquito failed in the second wave and one in the reserve period.

DAY RECONNAISSANCE

10. Daylight photographs showed that the weight of the attack fell on the target and to the east. In the northern section, direct hits were scored on a long shed of the repair shops of the Cie de Wagons-Lits, the repair shops themselves, a shed near the stores depot, a group of small buildings and the carriage and wagon repair shops. 50 craters occurred on the sidings, over 100 more in the immediate vicinity and 3 on the northern entrance and exit tracks. In the southern section, damage even heavier. The carriage and wagon construction shops sustained a number of hits, and very many bombs fell on the tracks and sidings.

ENEMY DEFENCES

11. A number of fighters were seen, and they made 13 interceptions, but without success. One FW.190 was damaged over the target. A slight barrage was met from the heavy guns between 10-12,000', and 3 or 4 light guns hoisted flak from the marshalling yards.

CASUALTIES

12. No aircraft was lost, but 5 were badly damaged in this country. 2 Halifax collided soon after take-off, and one crashed. A Lancaster was wrecked in a taxi accident, due to incorrect trimming. No fighter damage was sustained, and both reported instances of flak damage were slight.

LIFE P/Y

PLAN OF ATTACK

- 13. Route See route map.
- 14. Method of Attack As for Villeneuve, with 2 extra Mosquitoes dropping reds on Channel 12. The Northern A/P was to be marked first, then the Southern aiming-point, then the Northern again for the reserve period. Line of approach: 202° to the aiming-point.
- 15. Timing Zero hour: 0040
Duration of attack: 0037-0110

/contd

8 Mosq.	@ z-3 to z	(2 per min.)
109 a/c	@ z to z+6	
8 Mosq.	@ z+9 to z+12	(")
115 a/c	@ z+12 to z+18	
8 Mosq.	@ z+21 to z+24	(")
Reserve period	@ z+24 to z+30	

WINDOW One bundle per minute, but 2 within 30 miles of the target.

RESULTS

No. of aircraft despatched	239
No. of aircraft reporting attack on primary area	227 (95.0%)
No. of abortive sorties	12 (5.0%)
No. of aircraft missing	1 (0.4%)

• Including missing aircraft

WEATHER EXPERIENCED

Lille:- As at Villeneuve. Little cloud. Slight haze. Moon.

NATURE OF ATTACK

This attack was exceptionally well placed. The M.P.I. of the T.I. was in direct wave, 323 yds./360°, and in the second 150 yds./320° from the respective points. One Mosquito failed in each period. The bombing was finely centred on M.P.I. of the markers.

RECONNAISSANCE

The marshalling yards at Lille suffered very severe damage. All the tracks severed; the locomotive repair shops, engine sheds and carriage and wagon repair shops were partly destroyed; over 100 wagons were destroyed or damaged; an ammunition train blew up in the reception sidings; and no less than 10 industries dependent of the railway (mostly concerned with textile production) were seriously damaged.

DEFENCES

The enemy was prepared on an early stage for the attack on Lille, and dropped incendiary flares over the coast before our bombers had crossed the Channel. Numerous searchlights were seen, including 16 over the Target, but no attacks were reported. 20 searchlights exposed at Lille, co-operating with slight but accurate heavy flak from the town. Little light flak was fired.

LOSSES

One Halifax was lost, but the evidence is so conflicting that the cause and must remain doubtful. No other aircraft was badly damaged.

MANNHEIM

36 Mosquitoes attacked Mannheim nearly an hour before bombing began at Villeneuve. Aircraft dropped markers on H2S and, although they soon disappeared through the cloud, glow was clearly visible, and they appeared well concentrated. All but 4 of the aircraft bombed on this glow, and big fires were raised, resulting in one mighty explosion. From this and all other Mosquito raids on this night, all aircraft returned safely.

OSNABRUCK

2 ALBUH LEAF Mosquitoes attacked Osnabruck, one on O30E and one on E.R.

/DUISBURG

DUISBURG

25. 3 Mk.II Mosquitos bombed Rheinhausen, 2 on D.R. and one on OBOE.

DUSSELDORF

26. One Mk.II Mosquito was sent against the Mannesmann steel works at Düsseldorf, but jettisoned its bomb on the town because of OBOE failure.

COLOGNE

27. 2 ALBUM LEAF Mosquitos bombed Cologne, one on OBOE and one on D.R.

MINELAYING

28. 103 Lancasters of 1 and 5 Groups were detailed to lay mines off Danzig Gdynia and Pillau, in the Eastern Baltic. They had 10/10ths cloud cover as for Denmark, but over the Baltic there was only a little broken layer cloud. 89 craft completed their missions, laying a total of 439 mines. 9 did not return. Many fighters were met on both outward and homeward routes, especially twin-engines over Denmark on the way back, and they were seen to destroy 4 bombers. 2 to flak at Kolding-Jiddelfart and Samso; the fate of the other 3 is uncertain. Returning aircraft were damaged by enemy action, but none seriously.

LEAFLETS

29. 9 Wellingtons from Training Groups scattered leaflets over Northern France without incident.

FIGHTER OPERATIONS

30. 9 Mosquitos of 100 Group carried out SEARCHLIGHT patrols. 7 others, together with 4 of N.F.C.3. and 13 of 2 Group, attacked or patrolled enemy airfields in Northern France and the Low Countries. No enemy aircraft were seen. One Mosquito of 100 Group was lost without trace.

SPECIAL OPERATIONS

31. 61 Lancasters, Halifaxes, Stirlings and Hudsons were sent on sorties over the Continent. One Stirling was lost, to light flak in the area of St.Quentin.

MEM/MTS
PC/S.26342/2/ORS4
7th July, 1944

TARGET	GROUP	AIRCRAFT TYPE	SORTIES	A/C REPORTING ATTACK ON				ABORTIVE SORTIES		LOSS-ES	DAMAGE				INTERCEPTIONS		RESULTS	
				PRIM. AREA	ALT. AREA	OVER E.T.	NOT OVER E.T.	PLA.	FIREWORK		BRIT. INC. BOMBS	NOT DUE TO R/A	APLCK-ID	NOT APLCK-ID	HK	Inc.		
VILLERUVE ST. GEORGE	8	Hseq. IX	7	4	-	2	1	-	-	-	-	-	-	-	-	992.0	1.8	
		Hseq. XVI	3	1	-	2	-	-	-	-	-	-	-	-	-			
		Lanc. I	16	15	-	1	-	-	-	-	-	1X	-	5	-			
		Lanc. III	20	20	-	-	-	-	-	-	-	-	-	1	4			
		Lanc. I	15	15	-	-	-	-	-	-	-	-	1.0	-	-			
		Lanc. II	2	2	-	-	-	-	-	-	-	-	-	-	-			
4	Hsl. III	Lanc. III	6	6	-	-	-	-	-	-	-	-	-	1	-			
		Lanc. III	49	47	-	1	1	-	-	-	-	-	1	1				
		Lanc. II	9	8	-	-	1	-	-	-	-	-	-	-				
6	Hsl. III	Lanc. II	98	95	-	-	3	-	-	2	-	-	-	1	-			
		Lanc. II	98	95	-	-	3	-	-	2	-	-	-	1	-			
VILLERUVE ST. GEORGE TOTAL			225	213	-	5	7	-	2	-	-	1+2X +3.0	2	11				
LILLE	8 WFF	Hseq. IV	2	1	-	1	-	-	-	-	-	-	-	-	1052.2	2.5		
		Hseq. IX	8	5	-	3	-	-	-	-	-	-	-	-				
		Hseq. XVI	1	-	-	1	-	-	-	-	-	-	-	-				
		8 Hl.	Lanc. III	40	40	-	-	-	1	-	-	-	1+1.0	-			1	
		3	Hl.	22	21	-	-	1	-	-	-	-	-	-			-	
		4	Hsl. III	33	32	-	-	1	-	-	-	-	-	-			-	
4	Hsl. III	Hl.	80	78	-	-	2	-	-	-	-	2	-	2				
		Hl.	53	50	-	-	3	-	-	-	-	2	-	2				
		Hl.	53	50	-	-	3	-	-	-	-	2	-	2				
LILLE TOTAL			239	227	-	5	7	1	-	-	5+1.0	-	5					
MUNSTER	8	Hseq. IV	19	19	-	-	-	-	-	-	-	-	-	-	43.8	15x,000lbs.		
		Hseq. IX	3	3	-	-	-	-	-	-	-	-	-	-				
		Hseq. XVI	11	11	-	-	-	-	-	-	-	-	-	-				
		Hseq. IX	3	3	-	-	-	-	-	-	-	-	-	-				
MUNSTER TOTAL			36	36	-	-	-	-	-	-	-	-	-					
OSNABRUCK	8	Hseq. I	1	1	-	-	-	-	-	-	-	-	-	-	1.8			
		Hseq. XVI	1	1	-	-	-	-	-	-	-	-	-	-				
OSNABRUCK TOTAL			2	2	-	-	-	-	-	-	-	-	-	-				

...../over.

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9/10th. APRIL, 1944. (Contd.)

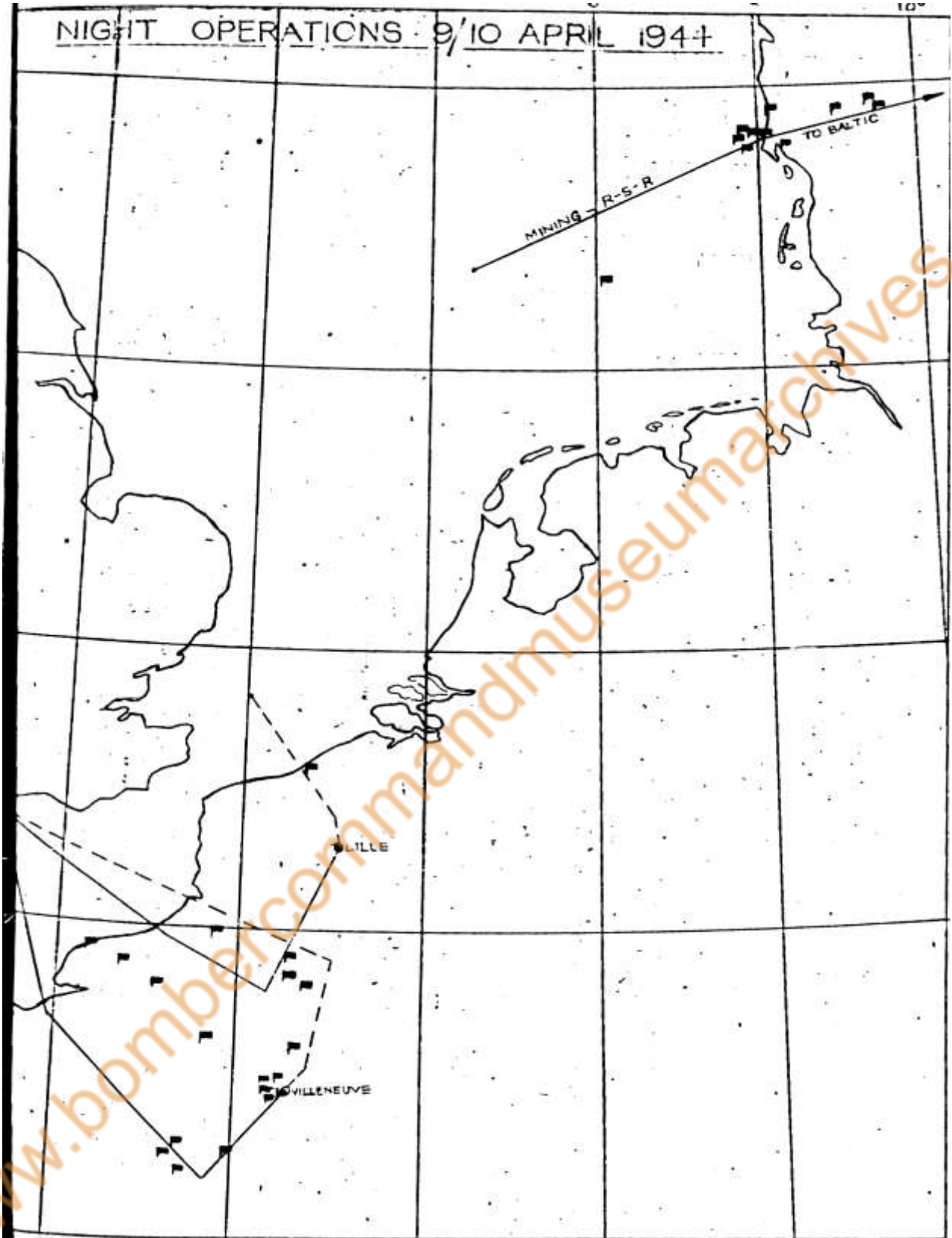
TARGET	GROUP	AIRCRAFT TYPE	SORTIES	A/C REPORTING ATTACK ON				ABORTIVE SORTIES		LOSS-ES	DAMAGE				INTERCEPTIONS		RESULTS	
				PRIM. AREA	ALT. AREA	OVER E.T.	NOT OVER E.T.	PLA.	FIREWORK		BRIT. INC. BOMBS	NOT DUE TO R/A	APLCK-ID	NOT APLCK-ID	HK	Inc.		
DUISBURG	8	Hseq. XVI	3	3	-	-	-	-	-	-	-	-	-	-	-	3.6	2x,000lbs.	
DUISBURG	8	Hseq. XVI	1	1	-	-	-	-	-	-	-	-	-	-	-	1.8	1x,000lbs.	
COLOGNE	8	Hseq. IX	1	1	-	-	-	-	-	-	-	-	-	-	-	1.8		
COLOGNE	8	Hseq. XVI	1	1	-	-	-	-	-	-	-	-	-	-	-			
COLOGNE TOTAL			2	2	-	-	-	-	-	-	-	-	-	-	-			
BOBING TOTAL			508	484	-	10	14	1	2	-	-	6+2X 4.0	2	16				
MICHAMING	1	Lanc. I	7	7	-	-	1	-	-	-	1.0	-	1	-	439 mines			
		Lanc. III	40	38	-	1	-	1	-	-	1+1.0	-	7	1				
BAMBI	5	Lanc. I	2	2	-	-	-	-	-	-	-	-	-	-				
		Lanc. III	22	22	-	-	-	-	-	-	1.0	-	2	1				
PHILIP	5	Lanc. I	6	5	-	1	1	1	-	-	-	-	-	-				
		Lanc. III	26	24	-	-	-	1	-	-	1.0	-	-	-				
PHILIP TOTAL			101	98	1	3	1	9	3+1.0	1+0.0	-	1.0	10	2				
LE FLAY	92	Well. X	4	4	-	-	-	-	-	-	-	-	-	-				
		Well. X	3	3	-	-	-	-	-	-	-	-	-	-				
		Well. X	2	2	-	-	-	-	-	-	-	-	-	-				
LE FLAY TOTAL			9	9	-	-	-	-	-	-	-	-	-	-				
FERRIER	100	Hseq.	16	14	-	-	2	1	1	-	-	-	-	-				
		Hseq.	16	14	-	-	2	1	1	-	-	-	-	-				
GRAND TOTAL			636	605	1	13	17	11	6+1.0	1+0.0	-	6+2X 4.0	12	10				
(SPECIAL OPS)	3	Various	61	-	-	-	-	1	-	-	-	-	-	-				
(E/INTENSIVE)	2	Hseq.	13	-	-	-	-	-	-	-	-	-	-	-				
(E/INTENSIVE)	1	Hseq.	4	-	-	-	-	-	-	-	-	-	-	-				

O.S.O. 2.

LE FLAY AT: - ANNEVILLE; BOBING; BAMBING; PHILIP; FERRIER; OSNABRUCK; COLOGNE; DUISBURG; BOBING; BAMBING; PHILIP; FERRIER; OSNABRUCK; COLOGNE; DUISBURG.

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NIGHT OPERATIONS 9/10 APRIL 1944



BOMB PLOT NOT AVAILABLE

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

10/11th APRIL 1944

TERGNIER M/Y : GHENT M/Y : AULNOYE : TOURS M/Y : LAON M/Y : St. Cyr : etc.

WRE

5 marshalling yards in Belgium and Northern France were attacked in clear weather. Over 100 aircraft were sent to each target, and in every instance severe damage was caused. Fighter opposition was stronger than usual for French targets, 19 of the 764 aircraft employed were lost.

Lancasters attacked the air park at St. Cyr, scoring many hits on the signals net. Mosquitos raided Hannover and Duisburg, and patrolled airfields in France and the Low Countries. Other aircraft laid mines, scattered leaflets and made special sorties over the Continent. From these subsidiary operations, 3 more aircraft did not return.

W. FORECAST

Midnight frontal positions:- (1) Occlusion from S. Norway to E. of Hamburg 50°N. 11°E. to W. Alps. (2) Occlusion from Invergordon to Anglesey to Scilly.

Bases:- The occlusion will give a belt of thundery rain over the west of British Isles, but operational areas will remain fit until 0300, when low stratus will affect 8 Group and then East Anglia and 3 Group. Other Groups will stay fit until 0600, apart from local smoke troubles. Well broken cloud.

Germany:- The occlusion over the Continent will be followed by a 60-mile belt of thick medium and low cloud (tops 15,000'), with rain. Little cloud W. of the front. Well broken medium cloud further E.

France:- Little cloud, except for patches of low stratus in N.W. Moderate visibility in Paris area, becoming poor about 0300.

TERGNIER M/Y

MODE OF ATTACK

Route See route map.

Method of Attack OBOE groundmarking. 3 Mosquitos on Channel 3 and 2 on Channel 1 were to drop green T.I., and 2 on Channel 12 and 3 on Channel 11 red T.I. Force crews were to aim at reds if possible, otherwise greens. Line of approach from N/W. Bombing height: 9-11,000'. Aircraft failing to bomb in their correct wave to attack in the reserve period. If no markers were visible, they were to turn their bombs back. WINDOW was to be dropped at the rate of one bundle per second from 5000', but 2 per minute within 30 miles of the target. The Mosquitos were to be the same as those detailed to mark the yards at Ghent an hour earlier.

Timing

Zero hour: 2350
Duration of attack: 2347-0020

4 Mosq. @ z-3 to z (1 per min.)
80 Hal. @ z to z+6

4 Mosq. @ z+9 to z+12 (1 per min.)
80 Hal. @ z-12 to z+18

4 Mosq. @ z+21 to z+24 (1 per min.)
Reserve period @ z+24 to z+30

/SORTIES

SORTIES

7.	No. of aircraft despatched	167
	* No. of aircraft reporting attack on primary area	161 (96.4%)
	No. of abortive sorties	6 (3.6%)
	No. of aircraft missing	10 (6.0%)

* This figure now includes the number of missing aircraft.

WEATHER EXPERIENCED

8. Bases:- Fit all night, with moderate visibility. High strato-cumulus, base 6,000', lowering later to 2-3,000'.
 Route:- Much cloud over England, breaking to 5/10ths in mid-Channel. Base 2,000', tops 8-9,000'. Little cloud over France.
 Target:- Cloudless, apart from small drifting patches of strato-cumulus. Moderate visibility. Three-quarters moon. Wind at 10-12,000' : 250°/25-30 m.p.

NARRATIVE OF ATTACK

9. OBOE serviceability was poor, and only half of the 12 planned salvos of T.I. were dropped : 2 in each period. An adequate continuity of marking was, however, maintained throughout the attack. The first rods went down at z-2, and the next z; all apparently fell within half a mile of the aiming-point to the S. The bomb was splendidly concentrated on the M.P.I. of the markers. In the second wave, 2 were dropped 1½ miles N. and W. of the target, but the rods landed only 400 yards to the S.W., and another fine concentration of bombing occurred here. Owing to an error in the scale of the photo-mosaic used, the distance between the aiming-point was only 350 yards, instead of 750 yards as had been intended, so that both the attacks fell on more or less the same area.

DAY RECONNAISSANCE

10. Widespread destruction was revealed throughout the yards. The carriage and wagon repair shops, transshipment sheds, marshalling sidings, reception sidings, all parts of the rail system suffered extensively. Much rolling stock was smashed and very many tracks were cut.

ENEMY DEFENCES

11. Few fighters were seen on the way out or over the target, but on the home route they were active as far as Poix - Amiens - Montdidier. One, a twin-engine aircraft, was destroyed by a Halifax. Slight but accurate predicted heavy flak was fired from the yards, together with a little light flak. No searchlights exposed.

CASUALTIES

12. 10 aircraft (6.0%) were lost; an unusually high figure for a French target. 5 were destroyed by fighters and 4 by flak (3 at Amiens and one at Tergnier). The bright moonlight was perhaps the chief cause. No damage was reported by returning aircraft.

CHEM M/Y

PLAN OF ATTACK

13. As for Tergnier, except that the main force was to attack in one wave from z+6, with a reserve period from z+12 to z+18. The same Mosquitos as those detailed for Tergnier were to mark the aiming-point in the same order from z-3 to z, and from z+9 to z+12 for the reserve period. Bombing height: 13-14,000'. Line of approach: 273° from A/P. Zero hour : 2245.

SORTIES

14.	No. of aircraft despatched	132
	No. of aircraft reporting attack on primary area	124 (94.0%)
	No. of abortive sorties	8 (6.0%)
	No. of aircraft missing	0

/15

OPER EXPERIENCED

No cloud, apart from drifting patches of strato-cumulus. Moderate visibility. Quarter moon.

NATURE OF ATTACK

The first 3 Mosquitos bombed dead on time, and 4 of their 5 T.I. fell within yards of the A/P, in an arc from E to S.W. All but one aircraft bombed in the wave, and the attack was finely concentrated, although a T.I. dropped by the 4th Mosquito 2000 yards to the S.W. attracted some attention.

RECONNAISSANCE

The main weight of the attack fell on the engine sheds and the residential just S.W. of the yards. At least 75 craters occurred among the tracks, and 80 trucks were derailed or damaged. Many buildings connected with the yards were demolished.

DEFENCES

No fighter attacks were reported, although 15 enemy aircraft were seen on the homeward leg from Ghent to the coast. Very little flak was met.

LOSSES

No aircraft was lost, but one Halifax was damaged beyond repair by flak.

AULNOYE M/Y

NATURE OF ATTACK

12 OSOE Mosquitos were to groundmark the A/P with green T.I. These were to be followed or backed-up, according to their accuracy, by 2 aircraft of 1 Group dropping red T.I. These aircraft were also to act as Masters of Ceremonies. Main crews were to bomb on instructions broadcast by the M.Cs. or, if none were heard, on the centre of greens.

Timing Zero hour : 0220
Duration of attack : 0217-0250

N./P. { 4 Mosq. @ z-3 to z (1 per min.)
 74 Lancs. @ z to z+6

S./P. { 4 Mosq. @ z+9 to z+12 (")
 76 Lancs. @ z+12 to z+18

S./P. { 4 Mosq. @ z+21 to z+24 (")
 (Reserve period @ z+24 to z+30

RESULTS

No. of aircraft despatched	147
No. of aircraft reporting attack on primary area	138 (93.9%)
No. of abortive sorties	9 (6.1%)
No. of aircraft missing	7 (4.8%)

OPER EXPERIENCED

As for Terognier and Ghent. Cloudless, with 1/2 moon.

NATURE OF ATTACK

The first 4 Mosquitos attacked well on time, but 3 bombed from 350 to 1150 yards of the Northern A/P. The fourth was less than 100 yards from the A/P, one T.I. falling to the N.E. and the other to the S.E. 5 minutes after the last of these had been dropped, a M.C. dropped red T.I. 470 yards S.W. of the A/P. The M.Cs. argued for a

/time

time and at first ordered crews to bomb on the centre of greens, then dropped the above-mentioned red as the greens were burning out, and ordered the crews to attack. The opening Mosquitos were both 5-7 minutes later for the second wave, but the M.C. as had dropped the first red released a second, which fell 210 yards from the Northern A/P, although intended for the Southern. Most aircraft of the second wave bombed this red. Both the Mosquitos then dropped green T.I. to the S.W. of the Southern A/P, one pair 1500 yards and the other 700 yards out of place. These were followed by 2 more reds from the other M.C., both well away from the target; and aircraft arriving towards the end of the attack were told to bomb on greens.

DAY RECONNAISSANCE

25. Despite the confusion in the marking, which caused numerous aircraft to bomb south and north of the target, many bombs fell on the yards, which suffered severely. The carriage and wagon repair shops were seriously hit, together with various other installations, including the 3-track flyover carrying the main line over the spur to the locomotive shop, and 2 floating top tanks. About two-thirds of the tracks were cut, and rolling stock suffered extensively.

ENEMY DEFENCES

26. Few fighters were seen on the way out, but several were reported over the target, and many were active on the return route, mostly single-engined. Little flak was fired.

CASUALTIES

27. 7 aircraft were lost; 3 to flak, despite the small amount reported, 3 to fighters and one to an unknown cause. Another aircraft swung on take-off and was wrecked.

LAON M/Y

PLAN OF ATTACK

28. Method of Attack The single A/P was to be marked by 3 Mosquitos on Channel 1 and 4 on Channel 3 with greens, and by 3 on Channel 12 and 5 on Channel 13 with reds. Main force crews were to aim at reds if possible, otherwise at the accurate greens. Line of approach 273° from A/P.

29. Timing Zero hour: 0335
Duration of attack: 0332-0405

4 Mosq.	@ z-3 to z	(1 per min.)
76 Lancs.	@ z to z+6	
4 Mosq.	@ z+9 to z+12	(")
73 Lancs.	@ z+12 to z+18	
4 Mosq.	@ z+21 to z+24	(")
Reserve period	@ z+24 to z+30	

SORTIES

30. No. of aircraft despatched	163
No. of aircraft reporting attack on primary area	155 (95%)
No. of abortive sorties	8 (4.9%)
No. of aircraft missing	1 (0.6%)

WEATHER EXPERIENCED

31. Cloudless. Moderate visibility. Three-quarters moon.

NARRATIVE OF ATTACK

32. The marking was well timed but inaccurate, all the T.I. in the first wave falling 700-1,800 yards to the S.W. In the second wave, 2 Mosquitos failed to

/other 2 were

2 were also off the A/P to the S.W., between 590 and 2,600 yards away. The attack was, therefore, in both waves, centred on the western edge of the yards, and received a large number of hits.

RECONNAISSANCE

The S.W. sector of the loop W. of the main yards received the brunt of the attack. The branching to Flavigny and Tergnier, the locomotive depot buildings, converging tracks, an overhead bridge, and the "5-track" section sustained heavy damage.

DEFENCES

A few fighters were seen, and a little flak was met from the target, but generally reported little opposition.

CASUALTIES

One aircraft was lost in combat. Another was wrecked by non-enemy action; the aircraft was badly damaged by flak.

TOURS M/Y

DETAILS OF ATTACK

166 aircraft of 5 Group were to attack the 2 aiming-points. Each was to be marked with red spot fires by the light of hooded flares dropped by other aircraft. The Master Bomber was to instruct the bombers by R/T.

RESULTS

No. of aircraft despatched	180
No. of aircraft reporting attack on primary area	173 (96.1%)
No. of aircraft reporting attack on alternative area	1 (0.5%)
No. of abortive sorties	6 (3.3%)
No. of aircraft missing	1 (0.5%)

WEATHER EXPERIENCED

Cloudless. Three-quarters moon. Moderate visibility.

CHARACTERISTICS OF ATTACK

The first red spot fires fell near the roundhouse and the bottleneck between two yards. The Master Bomber therefore ordered crews to bomb 500 yards to the E. The attack of this wave was most concentrated. The second wave of aircraft found the A/P wholly obscured by smoke, and the markers were placed on a nearby position as target. Some aircraft bombed these markers, while others succeeded in identifying the actual A/P, and bombed it visually.

RECONNAISSANCE

This target suffered even more heavily than those already dealt with. The engine station, railway workshops, transshipment shed, water towers, engine sheds, turntable, warehouses, road bridge, carriage and wagon repair shops, sawing plant, timber yard, Usine de St.Gobain chemical works and various unidentified buildings and installations were destroyed or damaged.

DEFENCES

Little opposition was met from either flak or fighters.

CASUALTIES

One aircraft was lost to light flak over the target. Another was heavily damaged in a landing accident.

/ST.CIR

ST. CYR

43. 17 Lancasters and one Mosquito attacked the airfield and signals depot at St.Cyr. The Mosquito's markers fell to the N.W. of the target, and the beckerers bombed slightly to the N. Instructions were given to the main force, correcting error, and the weight of the attack fell on the target, which soon became obscured by smoke. Reconnaissance showed severe and concentrated damage in the N.W. of target, which contains the signals depot. Desultory flak was met from a few guns but no fighters were seen, and no losses or casualties were sustained.

HANNOVER

44. 36 Mosquitos carried out a harassing attack on Hannover, 4 Y-aircraft dropped markers, all closely grouped together; the bombing was well centred on and considerable fires were raised. No fighters were seen, and only one aircraft was hit by flak. All aircraft returned safely.

DUISBURG

45. 2 Mk.II Mosquitos attacked the Vereinigte Stahlwerke at Duisburg, one on and the other on D.R. Both returned undamaged.

MINING

46. 3 Stirlings were sent to lay mines off La Pallice. 6 completed their task each laying 4 mines. All returned undamaged.

LEAFLETS

47. 17 Wellingtons were detailed by Training Groups to disperse leaflets over Northern France. 15 completed their mission. None was lost, but one crashed on landing.

FIGHTER OPERATIONS

48. 6 Mosquitos of 100 Group completed uneventful SERRATE patrols. 22 others from 2 Group and A.D.G.B. patrolled and attacked enemy airfields in France and the Low Countries. No fighters were seen, and none of our aircraft was lost. Another Mosquito carried out a met. recon. flight.

SPECIAL OPERATIONS

49. 54 Stirlings, Hudsons, Halifaxes and Mosquitos were despatched on special sorties over the Continent. 43 were successful. 2 Stirlings and one Halifax were lost - 2 of them to light flak.

MLM/MTA
BC/S.26342/2/ORS4
12th July, 1944

TARGET	GROUP	AIRCRAFT TYPE	SORTIES	NO. RECEIVING ATTACK ON		NO. OF BOMBERS		MISS-ING	LOSS				DROPPED		RESULTS		
				PRIM. AREA	SEC. AREA	OVER E.T.	NOT OVER E.T.		FLAK	FIGHTER	BRIT. D.C. BOMBS	NOT DUE TO B/A	ATT. CANCELLED	NOT CHECKED	K.E.	INC.	
VERNIER	4	Hal. Hal. III	33 124	32 123	-	1 -	1 -	1 -	-	-	-	-	-	2 5	-	3 3	690.1 1.9
VERNIER TOTAL			157	123	-	2	1	10	-	-	-	-	-	5	3		
CHERT	6	Hal. Hal. III	45 77	43 75	-	1 -	1 -	-	12	-	-	-	1	-	3	813.5	2.0
CHERT TOTAL			122	118	-	1	1	-	12	-	-	-	1	-	3		
LENNER & CHERT	8	Mosq. IV Mosq. IX Mosq. XVI	1 5 4	1 4 2	-	-	1 -	-	-	-	-	-	-	-	-	-	-
TOTAL			10	7	-	-	1	-	-	-	-	-	-	-	-	-	-
LENNER	1	Lanc. I Lanc. III	31 101	21 98	-	-	3 -	6 -	1 -	1+1.2	-	-	1.2	3	6	788.1	2.7
LENNER TOTAL			132	129	-	-	3	6	1	1+1.2	-	-	1.2	6	6		
LANC	3	Lanc. I Lanc. II Lanc. III	40 29 15	40 29 15	-	-	-	-	1 -	-	-	-	1.2	-	3	764.6	2.0
LANC TOTAL			84	84	-	-	-	-	1	-	-	-	1.2	3			
LENNER & LANC	8	Mosq. IV Mosq. IX Mosq. XVI	1 9 5	1 5 5	-	-	4 -	-	-	-	-	-	-	-	-	-	-
TOTAL			15	9	-	-	4	-	-	-	-	-	-	-	-	-	-
ANGEL	5	Lanc. I Lanc. III	67 113	63 110	1	2	1	1	2	-	-	-	1B	4	4	774.8	172.4
ANGEL TOTAL			180	173	1	2	1	1	2	-	-	-	1B	4	4		57x4000lbs.
ST. CYR	5	Lanc. I Lanc. III Mosq. XVI	11 6 1	11 6 1	-	-	-	-	-	-	-	-	-	-	-	-	60.7
ST. CYR TOTAL			18	18	-	-	-	-	-	-	-	-	-	-	-	-	20.1

cont'd
67
61
22

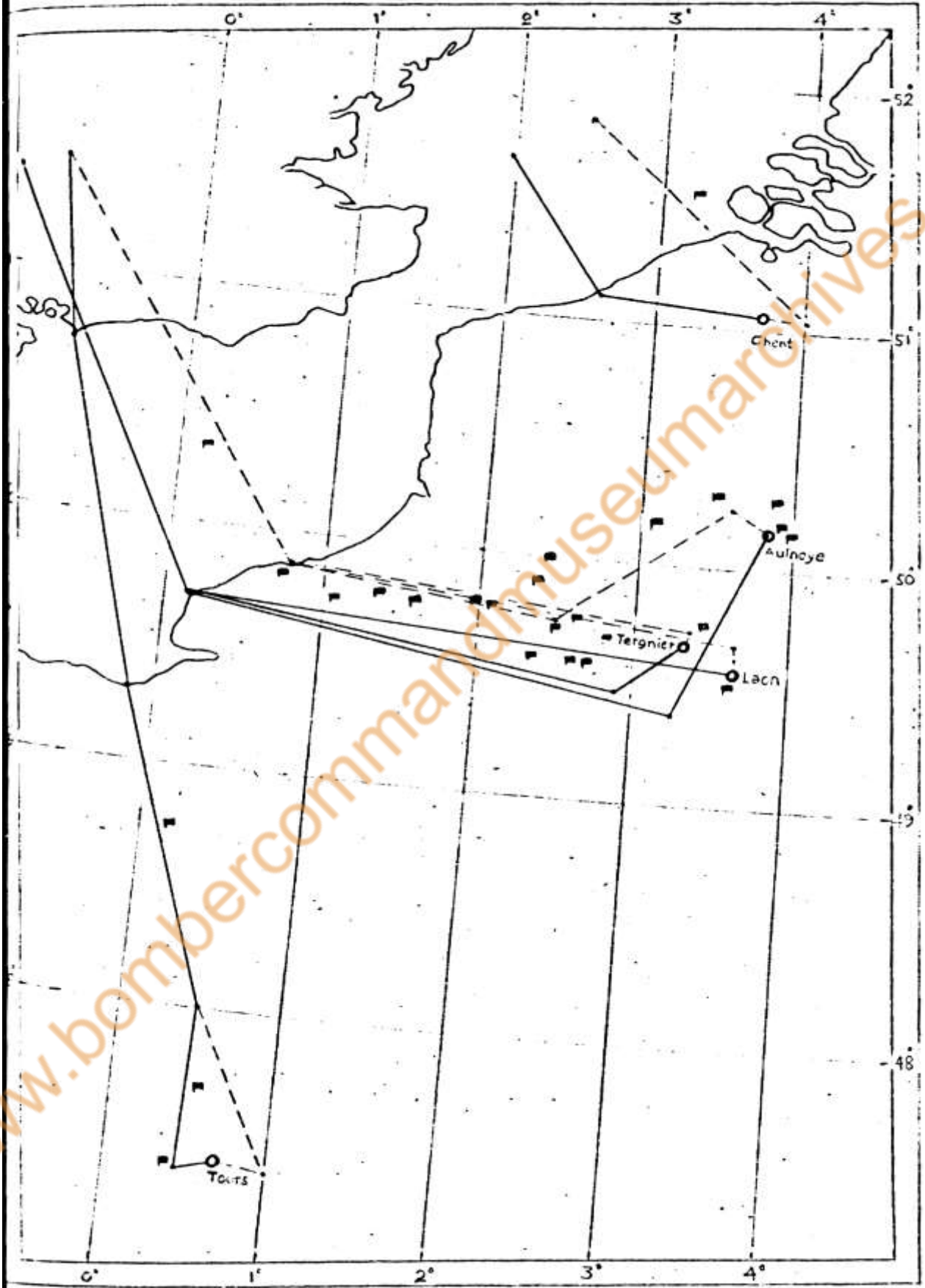
TARGET	GROUP	AIRCRAFT TYPE	NO. RECEIVING ATTACK ON		NO. OF BOMBERS		MISS-ING	FLAK	FIGHTER	BRIT. D.C. BOMBS	NOT DUE TO BOMB ACTION	ATT. CANCELLED	NOT CHECKED	RESULTS		
			PRIM. AREA	SEC. AREA	OVER E.T.	NOT OVER E.T.								K.E.	INC.	
REVER	8	Mos. IV Mos. IX Mos. XVI	19 4 11	19 4 11	-	-	-	-	-	-	-	-	-	44.6	7	
REVER TOTAL			36	36	-	-	-	-	-	-	-	-	-	16 x 4000lbs		
BOMBING	8	Mos. XVI	2	2	-	-	-	1	-	-	-	-	-	3.6	2x4000lbs	
BOMBING TOTAL			820	794	1	17	6	19	-	-	-	-	-	6+1B+2.2C	2+1B+2.2C	
REPLACING LA FALLON	3	Stirling	8	6	-	1	1	-	-	-	-	-	-	24	mines	
REPLAY	92	Well. X Well. III Well. X	4 3 10	4 3 8	-	-	-	-	-	-	-	-	1B	-	-	
REPLAY TOTAL			17	15	-	-	2	-	-	-	-	-	1B	-	-	
SERVICE AND DIVISION	100	Mosquito	8	6	-	-	2	-	-	-	-	-	-	-	-	
NET BOMB	8	Mosquito	1	1	-	-	-	-	-	-	-	-	-	-	-	
GRAND TOTAL			851	822	1	18	13	17	-	-	-	-	-	6+1B+2.2C	2+1B+2.2C	
SPECIAL OPERATIONS	3	Various	50	-	-	-	3	-	-	-	-	-	-	-	-	
E/ADFIELD	2	Mosquito	10	-	-	-	-	-	-	-	-	-	-	-	-	
E/ADFIELD	ADGB	Mosquito	12	-	-	-	-	-	-	-	-	-	-	-	-	

* Not included in Grand Total.

Leaflets at: L. FLECHE, HLOIS, ANGELS, TOURS, JONES, PARIS, VERMONT, GOLA, CUIPARET, DEJUVIS.

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NIGHT OPERATIONS - 10/11 APRIL /44.



BOMB PLOT NOT AVAILABLE

BOEMER COMMAND REPORT ON NIGHT OPERATIONS

11/12th APRIL, 1944

AACHEN : Hannover : Osnabruck : Duisburg : Airfields : Minclaying, etc.SUMMARY

The marshalling yards at Aachen were the target for 350 Lancasters and Mosquitos. There was much thin cloud over the Ruhr, but the Mosquitos groundmarked the yards accurately, and the bombing was highly concentrated. Great damage was caused. The fighters were distracted by minclayers visiting the Kattegat, and expected a deeper penetration, so that we lost only 9 aircraft.

Mosquitos attacked Hannover, Osnabruck, Duisburg and airfields in Northern France, the Low Countries and Western Germany. Others carried out intruder and BERTHE patrols, destroying 2 German fighters without loss. 108 mines were laid, while other aircraft scattered leaflets and carried out special operations. No further losses were sustained.

WEATHER FORECAST

Midnight frontal positions:- (1) Occlusion from S. Norway to Texel to W. Fours. (2) Occlusion over Central Ireland.

Base:- Clear area between the occlusions. Fit all night, apart from low stratus or local fog in southern basins towards dawn. Well broken cloud. Moderate visibility.

Germany:- Medium cloud will become well broken at midnight on a line 51°N 10°E - 50°N 06°E - 45°N 01°E. S.E. of that line, there will be little cloud. N.W. of the line, layers of medium and low cloud to 12-15,000'. Aachen: even chance of little cloud below 8,000', but there may still be as much as 7/10ths residual convection cloud below 12,000'. Moderate visibility.

France:- Layers of medium and low cloud to 12-15,000', except S.E. of the above-mentioned line.

Kattegat:- 10/10ths very low stratus, with fog.

AACHENPLAN OF ATTACK

Route See route map.

Method of Attack OBCE groundmarking. Mosquitos were to mark the A/P with red T.I. (2 on Channel 1, 2 on Channel 3, 1 on Channel 11, 1 on Channel 12 and 1 on Channel 13). Backers-up were to aim greens at the centre of reds (or at the centre of earlier greens) with a 1-second overshoot. If no T.I. were visible, they were to hold their own. Main force crews were to bomb on the same principle as the backers-up. Line of approach: 307° from A/P. 4 Y-Mosquitos were to drop red fighter flares at 5222H 0640E.

Timing Zero hour: 2245
Duration of attack: 2240-2252

7 Mosq. from z-5 to z+7 (one every 2 mins.)
12 Lancs. from z to z+7
50 Lancs. at z-1 (Supporters)

122 Lancs. from z to z+4
122 Lancs. from z+3 to z+7
11 ABC aircraft throughout the attack.

/SORTIES

SORTIES

7.	No. of aircraft despatched	350
	No. of aircraft reporting attack on primary area	342 (97.7%)
	No. of abortive sorties	8 (2.3%)
	No. of aircraft missing	9 (2.5%)

WEATHER EXPERIENCED

8. Bases:- Fit during operational period, with small amounts of cloud and moderate to good visibility.
 Route:- Little cloud over England, increasing to 6-9/10ths, tops 8-11,000 ft., base 3,000 ft., half way across the North Sea. Very variable cloud over Continent, mainly 3-9/10ths thin cloud, tops 8-10,000 ft. Moderate visibility.
 Target:- 4-9/10ths thin cloud, tops 5-6,000' with breaks. No moon.
 Winds at 18,000':- 230°/25 m.p.h. at bases, veering and increasing to 245°/35 m.p.h. at target.
 The moon rose at zero + 45, three-quarters of full.

NARRATIVE OF ATTACK

9. The marking was well-timed and very accurate, and the bombing was well concentrated round the T.I., which were clearly visible through the thin cloud. A Mosquito on weather reconnaissance flight, flying 30 miles S. of the target 1 hour later, reported a great area of fire with a huge pall of smoke.

DAY RECONNAISSANCE

10. Photographs showed that the attack was well centred on the station and marshalling yards, and spread across the centre of the town to the southern and western suburbs. The passenger station was 75% destroyed, the locomotive shed 50% destroyed, the goods depot shed 25% destroyed; both marshalling yards were squarely hit, causing much damage to tracks and rolling stock; 3 hits were seen on the bridge spanning the yards; and many textile factories in the town were affected. Residential property also suffered severely.

ENEMY DEFENCES

11. Ground Defences The first arrivals at Aachen met accurate predictions of unseen heavy flak at 15-25,000 ft; but this soon changed to a moderate loose barrage mainly bursting below 21,000 ft. Little light flak was fired, and the few search lights that exposed were ineffective. The most serious opposition en route was from Antwerp.

12. Fighters No fighters were met en route, except a few patrolling the E. Islands. Several combats were reported over the target, and a number near Reerzand on the way home; but in most of these, the fire of our gunners was not returned. Fighter controllers diverted half their fighters to guard against the mine-layers flying to the Kattegat, and sent most of the others to Born to guard against a penetration. German intruders followed our bombers back over the North Sea, and attacked aircraft over their bases. A 100 Group Mosquito destroyed a Dc.217 near Liege; and crews reported a fighter shot down near Eindhoven, although no claim made.

CASUALTIES

13.	No. of aircraft missing	9 (2.5%)
	No. of aircraft damaged	7
	(flak	4)
	(fighters	1)
	(Brit. incendiaries ...	2)

5 aircraft were lost to fighters on the return route, at Reerzand, S. of Eindhoven; Gilze Rijen, Overflakkee and over the North Sea. 2 fell to flak at Antwerp and Aachen. The cause of the other 2 losses is unknown.

HANNOVER

35 non-OBOE Mosquitos carried out a harassing attack on Hannover. A good proportion was reported. From this and all other minor operations on this night, aircraft returned safely.

OSNABRUCK

3 Mk. II Mosquitos made successfully controlled runs against Osnabruck.

DUISBURG

One Mk. I and one Mk. II Mosquitos made successful controlled runs against D./Hamborn. Another Mk. II aircraft returned early with engine failure.

DELEN

One Mk. I and one Mk. II Mosquitos attacked the airfield at Delen on OBOE.

JUVINCOURT

2 ALBUH LEMP Mosquitos made successfully controlled runs against Juvin-court.

FLORANGES

2 Mk. I Mosquitos were detailed to attack Floranges airfield. One made a fully controlled run, but the other abandoned its task because of OBOE failure.

ST. TROID

One Mk. I Mosquito bombed St. Troid airfield on OBOE.

MULLAYING

43 Stirlings and Halifaxes were despatched to lay mines in the Kattegat and around Brest. 37 reached their targets, laying 106 mines. A considerable number of fighters were diverted from the Aachen force, but they interfered only slightly with the minelayers, all of which returned safely, although one was badly damaged in a landing accident.

LEAFLETS

8 Wellingtons from Training Groups scattered leaflets over Northern France in this incident.

FIGHTER OPERATIONS

7 Mosquitos of 100 Group were detailed on SERGEANT patrols. 6 completed their patrol, one destroying a D. 217. 20 others of 100, 101, and 2 Group carried out other patrols and attacked enemy airfields in Northern France, the Low Countries and Eastern Germany. They probably destroyed one Ju. 88 in combat. One other Mosquito made a weather reconnaissance flight. All returned safely.

SPECIAL OPERATIONS

26 Stirlings, Halifaxes and Lysanders set out on special operations. All returned safely.

UNITS	GROUP	INCIDENT TYPE	SORTIES	W/O RE-ORIGINE		AGGRESSIVE SORTIES		MISC-DE	DAMAGE			INTELLIGENCE		RESULTS		
				PRIM. AREA	ALT. AREA	OVER R.T.	NOT OVER R.T.		FLAK	FIGHTER	BRIT. INC. BOMBS	NOT DUE TO E/A	ATTACKED	NOT ATTACKED	IE	INC.
LORHEN	1	Lane I	32	32	-	-	-	-	-	-	-	-	1	2	1822.5	116.0
		Lane III	63	61	-	-	2	-	-	-	-	-	-	1		
	3	Lane I	11	11	-	-	-	-	-	-	-	-	-	-		
		Lane II	17	17	-	-	-	1	-	-	-	-	-	1		
	5	Lane I	56	55	-	-	1	-	4	1	-	-	-	-		
		Lane III	77	75	-	-	1	1	1	1	1.0	1.0	-	3		
6	Lane III	72	71	-	-	1	-	5	1+1.0	-	1.0	-	1			
	Group IX	9	6	-	-	2	-	-	-	-	-	-	-			
	Group XVI	3	3	-	-	-	-	-	-	-	-	-	-			
LORHEN TOTAL			390	382	-	-	4	4	9	5+1.0	1.0	2.0	-	6	5	
ILNOVER	8	Group IV	21	21	-	-	-	-	-	1	-	-	-	-	44.6	0.4
		Group IX	4	4	-	-	-	-	-	1	-	-	-	-		
		Group XVI	10	10	-	-	-	-	-	-	-	-	-	-		
		Group XX	1	1	-	-	-	-	-	-	-	-	-	-		
ILNOVER TOTAL			36	36	-	-	-	-	2	-	-	-	-			
OSLBRICK	8	Group IX	3	3	-	-	-	-	-	-	-	-	-	-	-	2.0
DUFRENE-HUBERT	8	Group XVI	3	2	-	-	1	-	-	-	-	-	-	-	-	3.6 2x4000
DELLIN	8	Group IV	1	1	-	-	-	-	-	-	-	-	-	-	-	1.8
		Group XVI	1	1	-	-	-	-	-	-	-	-	-	-	-	-
DELLIN TOTAL			2	2	-	-	-	-	-	-	-	-	-	-	-	1.8
JUVINCOURT	8	Group IX	2	2	-	-	-	-	-	-	-	-	-	-	-	-
PLANCHES	8	Group IX	2	1	-	-	1	-	-	-	-	-	-	-	-	0.9
ST. THOMAS	8	Group IV	1	1	-	-	-	-	-	-	-	-	-	-	-	0.9
NO BOMB TOTAL			399	389	-	-	6	4	9	5+1.0	1.0	2.0	-	6	5	
INTEL. YNG																
BREST	3	Stir	5	4	-	-	1	-	-	1	-	-	1	-	-	36 mines
		Stir	3	2	-	-	1	-	-	-	-	-	-	-	-	-
E. of USLEST																
MATELANT	4	Hill	25	18	-	-	2	-	-	4	-	-	1	-	-	46 mines
		Hill	15	13	-	-	2	-	-	1	-	-	-	-	-	26 mines
MATELANT TOTAL			40	31	-	-	4	-	-	5	-	-	1	-	-	72 mines
INTEL. YNG TOTAL			43	37	-	-	6	-	9	5	1	-	2	-	-	100 mines

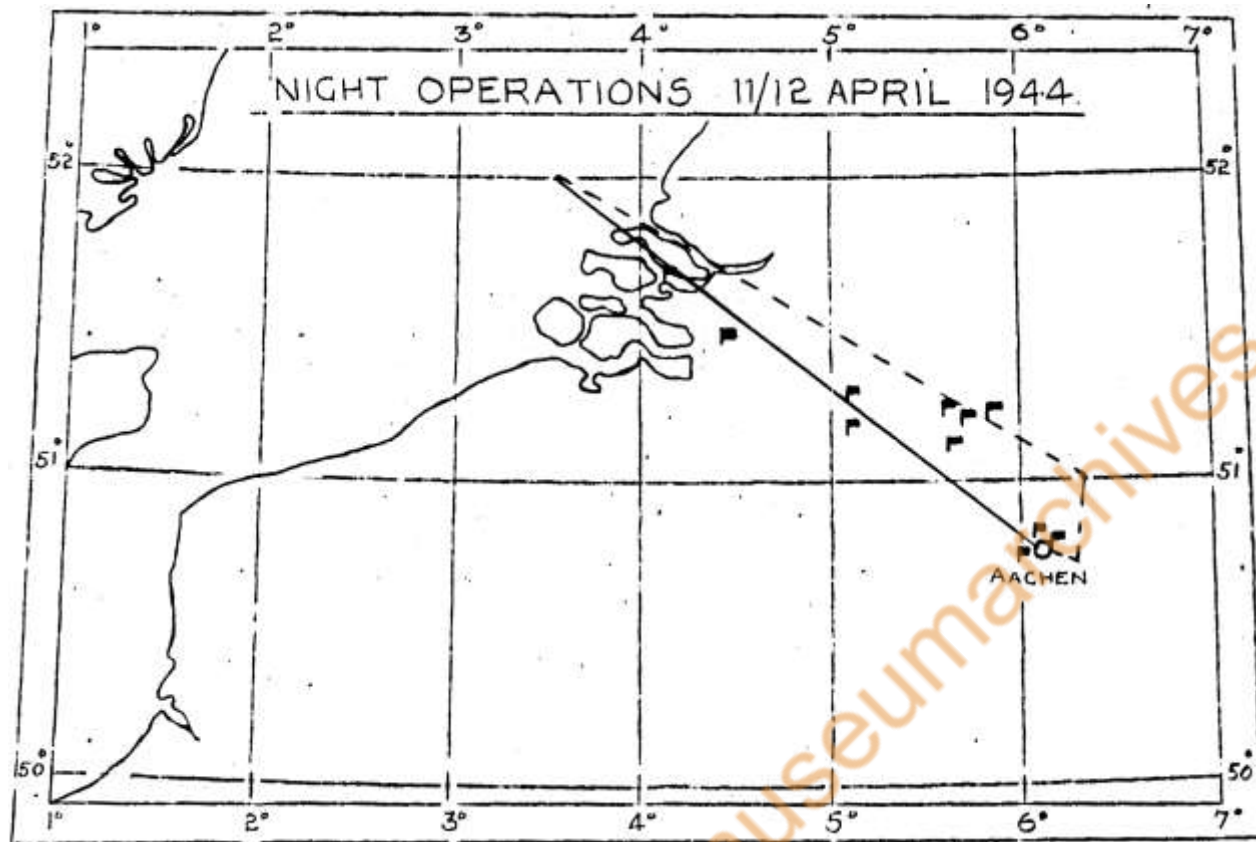
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UNITS	GROUP	INCIDENT TYPE	SORTIES	W/O RE-ORIGINE		AGGRESSIVE SORTIES		MISC-DE	DAMAGE			INTELLIGENCE		RESULTS		
				PRIM. AREA	ALT. AREA	OVER R.T.	NOT OVER R.T.		FLAK	FIGHTER	BRIT. INC. BOMBS	NOT DUE TO E/A	ATTACKED	NOT ATTACKED	IE	INC.
LE PLANT	91	Wall III	3	3	-	-	-	-	-	-	-	-	-	-	-	-
		Wall X	5	5	-	-	-	-	-	-	-	-	-	-	-	-
LE PLANT TOTAL			8	8	-	-	-	-	-	-	-	-	-	-	-	-
PIGHER																
SUPPORT	100	Group	7	6	-	-	1	-	-	-	-	-	-	-	-	-
ST. ROUGE	8	Group	1	1	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL			458	441	-	-	6	11	9	10+1.0	1+1.0	2.0	4	5	-	-
LE PLANT TOTAL - PAVL. DUBOIS : 122.0 ; DEPT. DE CH. MONTREAU																
SPICOLE	3	Various	26	-	-	-	-	-	-	-	-	-	-	-	-	-
OPERATIONS	100	Various	7	-	-	-	-	-	-	-	-	-	-	-	-	-
SPICOLE TOTAL			33	-	-	-	-	-	-	-	-	-	-	-	-	-
INTERIER	2	Group	10	-	-	-	-	-	-	-	-	-	-	-	-	-
		DCR	10	-	-	-	-	-	-	-	-	-	-	-	-	-
INTERIER TOTAL			20	-	-	-	-	-	-	-	-	-	-	-	-	-

(* NOT INCLUDED IN GRAND TOTAL)

S.S.S.3

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BOMB PLOT NOT AVAILABLE

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

12/13th. APRIL, 1944.

Osnabruck: Minelaying: etc:SUMMARY

Osnabruck 39 Mosquitos (3 Mk.II, 5 H2S and 33 non-OCOE) carried out harassing raid on Osnabruck. One OCOE and 2 Y-aircraft dropped markers in a pair group, and the bombing was well concentrated round the . From this and all other operations (except special sorties), all aircraft returned undamaged.

Minelaying 50 Stirlings and Halifaxes were detailed to lay mines off the Frisians and the Dutch coast, and in Heligoland Night. 45 completed their task, laying 146 mines.

Leaflets 9 Wellingtons, out of a force of 11 despatched from Training Groups, scattered leaflets over Northern France.

Fighter operations 2 Mosquitos of 100 Group completed uneventful ROUTE patrols; and a third carried out a net. recce. flight.

Special operations 24 Halifaxes and Stirlings were sent on special sorties over the Continent. 9 were successful; 2 Stirlings were lost.

WEATHER FORECAST

Midnight frontal positions:- (1) Occlusion from 58N. 06E. - 52N. 10E. - 48N. 09E. (2) Occlusion from N. Ireland - Sealark - Dungness - Havre - Bordeaux.

Bases:- All fit until 0200, when low stratus will form.

Germany:- In the vicinity of front 1, there will be local thunderstorms, with cloud to great heights. Little cloud in N.W. (W. of 08° E.), and in S. E. (E. of 10° E.), medium cloud and broken strato-cumulus, with a few clear areas.

France:- Thundery rain with cloud to great heights in frontal zone, and other E. Convection cloud, showers and low stratus in W.

Frisians, Texel, Heligoland:- Very well broken thin cloud, with cirrus. Other hazy.

STATISTICS (excluding special ops.)

No. of aircraft despatched.....	103
" " " completing missions.....	96
" " abortive sorties.....	7
" " aircraft missing.....	0

WEATHER EXPERIENCED

Bases:- Mainly fit all night, with broken upper cloud and small amounts of low cloud. Moderate visibility.

Osnabruck:- Thin patchy strato-cumulus at 3-6,000'. Cirrus at 29-30,000'. No persistent contrails from 25-37,000'.

...../Texel to Heligoland.

Texel to Heligoland:- Medium cloud off east coast broke over North Sea, and no more cloud was seen. Low haze.

ENEMY DEFENCES

9. Fighters were seen off Texel, in the night and over France, where leaflet raiders caused a slight reaction. No attacks were reported. No flak opposition was only met at Heligoland, where the light guns were very accurate to 15,000'.

CASUALTIES

10. 2 Stirlings were lost without trace on special operations. All aircraft returned undamaged.

MLM/JT.
BC/S. 26342/6/ORS4,
13th. July, 1944.

SQUADRON	GROUP	AIRCRAFT TYPE	SORTIES	AS REPORTED				MISS-ING	DAMAGE			INTENSIFICATION		RESULTS		
				PLUCK ON	PLUCK OFF	OVER	NOT OVER		PLUCK	FLIGHT	RETR. INC.	NOT DUE TO BOMB	PLUCK-ED	NOT PLUCK-ED	HE	INC.
OSL BRUCK	8	Heag IV Heag IX Heag XVI Heag XX	20 6 11 2	20 6 11 2	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	46.4	0.6	
OSL BRUCK TOTAL			39	39	-	-	-	-	-	-	-	-	-	-	-	
MEMLYING	3	Stir S. of TEXEL PRELIMS	2 2 5	- 2 5	- - -	- - -	2 - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	12 mines 36 mines 39 mines	
HELIGOLAND	4	Hal "	25 6	13 25	- -	- -	2 1	- -	- -	- -	- -	- -	- 1	59 mines		
HELIGOLAND TOTAL			31	43	-	-	3	-	-	-	-	-	1	116 mines		
LA FLATS	92	Wall X Wall III Wall X	4 5 2	3 4 2	- - -	- - -	1 1 -	- - -	- - -	- - -	- - -	- - -	- - -	1		
LA FLATS TOTAL			11	9	-	-	2	-	-	-	-	-	-			
SIGHT EN SUPPORT	100	Heag	2	2	-	-	-	-	-	-	-	-	-			
HEM BRUCK	0	Heag	1	1	-	-	-	-	-	-	-	-	-			
GRAND TOTAL			103	96	-	-	7	-	-	-	-	-	2			
TABLETS AT:- COFFINS : CREW : VMS. DIED : MURDER : BURNED : BURNED : BURNED																
SPECIAL OPERATIONS	3	Various	21	-	-	-	-	2	-	-	-	-	-	-	-	

* NOT INCLUDED IN GRAND TOTAL

BOMBER CO BOMB REPORT ON NIGHT OPERATIONS

13/14th. APRIL, 1944.

Berlin: Duren: Dortmund: Mineslaying:

SUMMARY

Berlin 29 non-BOE Mosquitos (including 4 Y-aircraft) were despatched to Berlin. One Y-aircraft dropped markers, which were accurately bombed by 21 Mosquito aircraft in clear weather. One aircraft attacked Hannover, and another attacked Brunswick. Despite intense ground activity, all aircraft returned undamaged. No losses were sustained on this night.

Duren 6 Mk.I Mosquitos attacked Duren railway junction, 5 on OBCE and 1 on D.R.

Dortmund 3 Mk.II Mosquitos made successfully controlled runs against Dortmund.

Mineslaying 15 Stirlings and Halifaxes, out of a force of 16, laid 48 mines off Le Havre, Cherbourg and La Pallice. The sixteenth aircraft returned with engine trouble.

WEATHER FORECAST

Bases:- Continuous rain in 3, 4, and 6 Groups from 2100 hours, with cloud base 2,000' to 20,000', and 2-4,000' yards visibility. Broken layer cloud in 8 Groups and south-westwards. Residual convection cloud elsewhere.

Germany:- Residual convection cloud at various levels, with local layer cloud. Convection cloud will tower to great heights in the frontal zone over the North Sea.

France:- Much strato-cumulus in P.W. Broken residual convection cloud over the Channel. Good clearances in S.W.

	<u>Bombing</u>	<u>Mining</u>
No. of aircraft despatched.....	38	16
" " reporting attack on primary area.....	31	15
" " " " " alternative area.....	2	0
" " abortive sorties.....	5	1
" " aircraft missing.....	0	0
" " mines laid.....		48

WEATHER EXPERIENCED

Bases:- Rain ceased in Yorkshire at dusk. Mist and local fog increased over N. of the Wash, fog becoming widespread N. of the Harber by 0700.

Berlin:- Cloudless.

Ruhr:- 9-10/10ths. cloud below aircraft in several layers.

N. France:- Little cloud at La Pallice. Very well broken cloud above Cherbourg and Le Havre. Good visibility.

No loss.

...../THIN DEFENCES.

ENEMY DEFENCES

8. No fighters were seen. Enormous numbers of searchlights exposed at Berlin - at least 350 - but flak co-operated inaccurately. Some heavy flak was met at Cherbourg and Le Havre; and intense fire came through the clouds over Dortmund.

CASUALTIES

9. All aircraft returned safely. 2 Mosquitos were slightly damaged by over Berlin.

MLM/JT.
BC/S. 26342/6/ORS4,
13th. July, 1944.

TARGET	GROUP	AIRCRAFT TYPE	SORTIES	100 REPORTING ATTACK		100 REPORTING SORTIES		MISS-ING	DAMAGE				INTER-SECTION	RESULTS	
				RECD. ACES.	100% ACES.	OV 40 S.T.	NOT OVER S.T.		BY ENEMY	BY ENEMY	BY ENEMY	BY ENEMY		IB.	INC.
DUREN	B	Mosq IV	5	5	-	-	-	-	-	-	-	-	-	5.1	-
		Mosq XVI	1	1	-	-	-	-	-	-	-	-	-	-	-
DUREN TOTAL			6	6	-	-	-	-	-	-	-	-	-	-	-
DORTMUND	B	Mosq IX	1	1	-	-	-	-	-	-	-	-	-	2.0	-
		Mosq XVI	2	2	-	-	-	-	-	-	-	-	-	-	-
DORTMUND TOTAL			3	3	-	-	-	-	-	-	-	-	-	-	-
BERLIN	B	Mosq IV	13	8	1	3	1	-	1	-	-	-	-	-	-
		Mosq IX	3	2	-	-	1	-	1	-	-	-	-	25.5	.2
		Mosq IX	2	2	-	-	-	-	-	-	-	-	-	-	(9x4000 lbs.)
		Mosq XVI	11	10	-	-	-	-	-	-	-	-	-	-	-
BERLIN TOTAL			29	22	1	3	2	-	2	-	-	-	-	-	-
MIDELAND	3	Star III	10	9	-	-	1	-	-	-	-	-	-	-	-
LA FALGUE		Hal	3	3	-	-	-	-	-	-	-	-	-	-	-
LE HAVRE		Hal	3	3	-	-	-	-	-	-	-	-	-	-	-
MIDELAND TOTAL			16	15	-	-	1	-	-	-	-	-	-	-	-
TOTAL			50	51	2	3	2	-	1	-	-	-	-	-	-
GRAND TOTAL			54	45	2	3	3	-	1	-	-	-	-	-	-

OPER. NO. 16BOMBER COMMAND REPORT ON NIGHT OPERATIONS17/18th. APRIL, 1944.Cologne: Le Mans: Minelaying: Leaflets: etc:

Cologne 26 Mosquitos (1 Mk.I, 1 Mk.II, 4 H2S and 20 without special
equipment) were despatched against Cologne. The Mk.II and 2 H2S aircraft
had markers, and the bombing was well concentrated round them. No fighters
seen, and all aircraft returned safely.

Le Mans 2 Mk.II Mosquitos were detailed to attack the marshalling
yards at Le Mans; but both were abortive because of OBOE failure.

Minelaying 20 Stirlings and Halifaxes laid 52 mines in Kiel Bay and
Frisians. One was lost.

Leaflets 2 Wellingtons and 2 Stirlings scattered leaflets over
the Low Countries without incident.

Fighter support 2 SEAFIRE Mosquitos completed uneventful patrols.

FORECAST

_bases:- 10/10ths. low cloud, with local fog after midnight.

Germany:- Thick cloud to great heights in S.W. Residual convection
in N., well broken in extreme N.

France:- Low stratus in N.W., with good clearances in Paris area.
strato-cumulus in W.

No. of aircraft despatched.....	54
" " reporting attack on primary area.....	50
" " abortive sorties.....	4
" " aircraft missing.....	1 (1.9%)

EXPERIENCED

Cologne:- 7-10/10ths. low cloud to 8-10,000'. Good visibility.

Frisians and Kiel:- Patchy strato-cumulus. Good visibility.

REMARKS

Fighters reacted in N. Germany, but made no interceptions. Slight flak
at Kiel and Cologne.

NOTES

The Halifax did not return from Kiel. It was seen burning in the sea 100
miles from Flamborough Head; but no count of loss can be given. One Mosquito was
damaged by flak over Cologne.

2/6/OPS4,
1944.

UNIT	TYPE	NO.	TOTAL		OVER		MILES	FLIGHT	PERCENT	D.T.	NOT	ATTACK	NOT	REMARKS
			ARR.	DEP.	E. T.	OVER								
COLOGNE	8	Meq IX	6	5	-	-	1	-	1	-	-	-	-	-
		Meq IV	9	9	-	-	-	-	-	-	-	-	-	31.3
		Meq XVI	10	9	-	-	1	-	-	-	-	-	-	7
		Meq XX	1	1	-	-	-	-	-	-	-	-	-	-
COLOGNE TOTAL			26	24	-	-	2	-	1	-	-	-	-	-
U.S. B-29	8	Meq XVI	2	-	-	2	-	-	-	-	-	-	-	-
COLOGNE TOTAL			28	24	-	-	2	-	1	-	-	-	-	-
MIDLAND														
WRECKERS	5	Stir III	6	6	-	-	-	-	-	-	-	-	-	-
KILL B.Y.	4	Hal	2	2	-	-	-	-	-	-	-	-	-	52 miles
	6	Hal	12	12	-	-	-	1	-	-	-	-	-	-
MIDLAND TOTAL			20	20	-	-	-	1	-	-	-	-	-	-
LEAFLETS	92	Well X	2	2	-	-	-	-	-	-	-	-	-	-
	3	Stir III	2	2	-	-	-	-	-	-	-	-	-	-
LEAFLETS TOTAL			4	4	-	-	-	-	-	-	-	-	-	-
FIGHTER														
SUPPORT	100	Young	2	2	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL			54	50	-	-	2	2	1	1	-	-	-	-

LISTS AT: OTTOMERS, CHARLES, NARR, CHARLES, L. VOVIENE, HOD, LOR, TWELLI, COURTAI, JEFFSON, N. LINES, LOUWINE, RUSSET, TOMERS, VIDE, LINDS, BRUSSELS, LOST, GERT, JONES, V. S. LINES.

C.R.S. J.

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BOMBER COMMAND REPORT ON NIGHT OPERATIONS

18/19th APRIL, 1944

NOISY-LE-SEC M/Y : TERGNIER M/Y : ROUEN M/Y : JUVISY M/Y : Berlin :
Cosnabruck, etc.

Over 1,100 aircraft were despatched on this night. More than 800 of them were marshalling yards at Rouen, Tergnier, Juvisy and Meisy-le-Sec. All the bombs were clear of cloud, and all were squarely hit, those at Rouen and Juvisy inflicting crippling damage. 11 aircraft were lost, and 3 more were shot down by anti-aircraft near their bases.

Mesquites attacked Berlin and Cosnabruck, while others carried out intruder and mine-laying patrols. 497 mines were laid in the Western Baltic by over 150 aircraft. Bombers dispersed leaflets and made special sorties over the Continent. 3 minelayers returned.

FORECAST

France:- Poor visibility and local fog everywhere after 0300-0400 hours. Elsewhere, little cloud and moderate visibility.

Germany:- Little cloud in N.W. Much cloud in E. and S. Risk: good chance of rain. Stettin: 10/10ths strato-cumulus, 2-5,000'.

Denmark:- Broken strato-cumulus in N.W. Little cloud elsewhere. Hazy elsewhere.

NOISY-LE-SEC M/YROUTE

Route - See route map.

Method of Attack Mixed HEAVEN and GROUND groundmarking. One Mesquite on Channels 1, 3, 11 and 12 (each accompanied by a reserve) was to drop green preliminary warning markers, and also red T.I. if it had made a satisfactory identification (Lancs.) were then to release white flares and bomb the T.I.; the Mesquites were to drop their flares and the rest at 10-second intervals. If the T.I. was visible, they were to drop their flares on H2S and bomb with the main salvo. Visual markers were to mark the T.I. with mixed reds and greens after definite identification; if this was impossible, they were to retain their T.I. and drop their bombs. Visual back-up were to aim greens (with no overshoot) at the centre of the mixed salvos; or, less preferably, reds at the centre of greens. Bombers were to bomb on either the centre of the mixed salvos and the reds, or the centre of greens with distributor set to allow for the length of the stick. Bomber (one of the visual markers) was to give constant advice. Line of sight from T.I. to 190° from T.I.

Timing

Zero hour: 2355

Duration of attack: 2349-0001

2 Mesq @ z-6 (reserves at z+4)
 2 Mesq @ z-3 (reserves at z+7)

9 Lancs @ z-5 (Illuminators)
 3 Lancs @ z-3 (Visual markers)
 5 Lancs from z to z+5 (Visual back-up)
 7 Lancs @ z (Supporters)

139 Hals. and Lancs from z to z+6.

/SORTIES

SORTIES

7.	No. of aircraft despatched	171
	No. of aircraft reporting attack on primary area	166 + 97.
	No. of aircraft reporting attack on alternative area	1 (0.9)
	No. of abortive sorties	4 (2.3)
	No. of aircraft missing	4 (2.3)

+ This figure now includes the number of missing aircraft.

WEATHER EXPERIENCED

8. Bases:- Fit until 0500 hours, when mist and radiation fog developed.
Route and Target:- Cloudless. No moon. Moderate visibility. Light
average 360°/10 m.p.h.

NARRATIVE OF ATTACK

9. Both the first pair of Mosquitos failed, so that the attack opened with
instead of greens. The timing of the illuminators and visual markers was good
good backing-up kept the A/P well marked all the time. Under the direction
Master Bomber, most of the bombing was well placed on the target, but there
some undershooting along the line of approach.

DAY RECONNAISSANCE

10. The main weight of the attack fell across the centre of the yards, with
smaller concentrations on the eastern exits. Some damage was caused to rail
property in the south of the town. The locomotive sheds, repair shops, train
sheds, reception sidings, sorting sidings, road bridge, passenger station
depot were all seriously affected. Many tracks were out and much rolling stock
destroyed.

ENEMY DEFENSES

11. For the first few minutes of the attack, unseen predicted heavy flak
against the very dense concentration of bombers. Then it suddenly ceased and
light flak was negligible. Fighters were met continuously from Caubour, but
were not particularly aggressive and only 2 bombers were attacked.

CASUALTIES

12. 4 aircraft were lost. One was apparently shot down by unseen predicted
near Brétigny, and another by a fighter near Paris. The other 2 probably crashed
near the target. Only one other aircraft was damaged by enemy action, and that
but one Halifax was badly injured by a bomb from another aircraft.

TECHNIQUE M/Y

PLAN OF ATTACK

13.	<u>Method of Attack</u>	As for Noisy-le-Sec
14.	<u>Timing</u>	Zero hour : 2330 Duration of attack : 2324-2336
		Mosquitos, Illuminators, Visual markers as for Noisy-le-Sec.
	Visual backers-up	7 Lancs. from z to z+6
	Supporters	5 Lancs. at z
	Main Force	71 Hols. from z to z+3 71 Hols. from z+3 to z+6

/SORTIES

No. of aircraft despatched	171
No. of aircraft reporting attack on primary area	162 (94.7%)
No. of abortive sorties	9 (5.3%)
No. of aircraft missing	6 (3.5%)

W. EXPERIENCED

Cloudless. No moon. Moderate visibility.

TYPE OF ATTACK

Only 3 Mosquitos made successfully controlled runs, and their working was curtailed. The visual markers put their first mixed salvo, 1,500 yards N.W. S.W. of the Master Bomber, the back-up area concentrated on the 2 southernmost sections of the main force. Consequently, as in the previous attack on this date, the weight of the bombing fell on the built-up area, and only 126 hits were on the yards - less than a quarter of the required number.

RECOGNISANCE

Although most of the bombing fell on the built-up area S.W. of the target, severe damage was caused, the yards were quite seriously affected. Nearly all the roads were blocked. Installations and buildings were not badly hit, although considerable damage to the forwarding sidings was caused by a near miss, and 2 buildings at a passenger station were demolished.

DEFENCES

Little flak was encountered, and no fighters were met until the target was reached, although flares were dropped over the Channel. Only one attack was repulsed, and 2 fighters were destroyed, a FW.190 by a Halifax and a Me.110 by a Mosquito.

LOSSES

6 aircraft were lost, all Halifaxes. 4 apparently fell in combat, N. of the coast near Montdidier, near Crevincoeur and over the coast, while another was shot down by flak between Dieppe and Le Troport. The sixth loss cannot be accounted for, but the aircraft sustained serious damage.

ROUEN N/Y

PLAN OF ATTACK

<u>Method of Attack</u>	As for Noisy-le-Grand
<u>Timing:</u>	Zero hour: S.W./P : 0020 N.W./P : 0045
<u>Duration of Attack:</u>	S.W./P : 0014-0026 N.W./P : 0039-0051
<u>S.W./P</u>	2 Mosq @ z-6 (reserves at z+4) 2 Mosq @ z-3 (" at z+7)
<u>Illuminators</u>	9 Lancs @ z-5
<u>Visual markers</u>	3 " @ z+3
<u>Visual back-up</u>	7 " from z to z+6
<u>Supporters</u>	5 " @ z
<u>Main force</u>	115 Lancs from z to z+6

/N.W./P

N.I./P

Mosquitos, Illuminators, Visual markers and Visual backers-up as follows:

- 1 Supporter at z.
- 57 Lancs. from z to z+3
- 57 Lancs. from z+3 to z+6

SORTIES

23.	No. of aircraft despatched	289
	No. of aircraft reporting attack on primary area	281
	No. of aircraft reporting attack on alternative area	1
	No. of abortive sorties	7
	No. of aircraft missing	0

WEATHER EXPERIENCED

24. Cloudless. No moon. Moderate visibility.

NARRATIVE OF ATTACK

25. The Mosquitos and Illuminators opened promptly, and all 3 visual markers were able to identify and mark the S.I./P by zero hour. Both Mosquitos detailed red spot fires failed, so that all the bombing was directed at the mixed salvoes and the backs-up. In the second phase, the visual markers again marked the target most accurately. The main force achieved a magnificent concentration in the target area.

D.V. RECONNAISSANCE

26. Exceptionally severe damage resulted from this attack. The whole of the town was affected, tracks and rolling stock suffering inestimable damage. Quatre Mars Loco. repair works, the gasholder and oil storage tanks on the edge of the yards, the Buldicum wagon repair shops, the engine sheds, the shunting yard and numerous other installations were all heavily hit. 4 large factories W. of the target were also affected. Some damage was caused in the up area of the town, and 2 bombs unfortunately hit the cathedral.

ENEMY DEFENCES

27. The first arrivals met no flak at all, but in time a meagre barrage was raised. No searchlights exposed. Fighters made a few interceptions over the target area and homeward routes. They scored no successes over France, but followed their own aircraft home and shot down 3 bombers near their bases.

CASUALTIES

28. No aircraft was lost, but 3 were shot down by intruders at Binbrook, and Littleport, and another was wrecked by the explosion of its bombs in a ground accident.

JUVISY N/I

PLAN OF ATTACK

29. This target was allotted to 5 Group, assisted by 3 Mosquitos of 8 Group. The Mosquitos were to drop green T.I. as "proximity markers". Flare force aircraft were to illuminate the N.I./P at z-4 on orders from the Master Bomber. 2 Mosquitos were then to mark the N.I./P, and 2 of the S.I./P, with red spot fires. The Master Bomber was to assess the accuracy of these markers and call in their backs-up to drop more red spot fires. The Master Bomber was then to order the force to attack either or both of the N.I/Ps, if the marking was sufficiently accurate to ensure a successful attack. If the marking was inadequate, he was to order the force to bring it back. One aircraft was to act as a link between the Master Bomber and the force, and to retransmit his broadcast. The main force (176 Lancs.) were to arrive at zero hour: 2315.

/SORTIES

Nr. of aircraft despatched	209
Nr. of aircraft reporting attack on priority area	203 (97.1%)
Nr. of abortive sorties	6 (2.9%)
Nr. of aircraft missing	1 (0.5%)

EXPERIENCED

Cloudless. No moon. Moderate visibility.

TYPE OF ATTACK

The markers were concentrated in the centre of the yard, and another finally accurate attack was delivered.

DAMAGE

Immense damage was caused. Apart from innumerable hits on tracks and stock, the engine shed, the carriage and wagon repair shop and both transit sheds were all at least 80% destroyed. The Paris up-line flyover, the main roads flyover and the road bridge W. of the passenger station sustained direct hits, and, outside the target, an oil depot and factories manufacturing fertilisers and agricultural machinery were affected. Considerable residual damage was caused N.W. of the target.

REMARKS

Flak was very slight, and hardly any fighters were seen.

LOSSES

One Lancaster was lost to a fighter near Paris. Another was destroyed in an accident.

BERLIN

24 Mosquitos carried out a harassing attack on Berlin. 17 bombed on markers east on D.R. There was no cloud below cirrus levels, but the guns gave poor results to the accurate searchlights, and all aircraft returned undamaged.

OSNABRUCK

2 Mosquitos (one Mk.I and one Mk.II) attacked Osnabuck on OBOE, and 1 undamaged.

LE MANS

2 Mk.I Mosquitos were despatched against the marshalling yards at Le Mans, and returned early with OBOE failure.

MINSLAYING

158 Lancasters, Stirlings and Halifaxes were detailed to lay mines in the Channel, the Sound, Kiel Harbour and the Pomeranian Bay (off Swinemunde). 157 completed their task, laying a total of 497 mines. A few fighters were met over the way out, and others pursued them to their bases on the homeward. Flak was met from the usual areas en route, notably Pommern, Sossnitz, Sylt and Kiel. 2 Stirlings and one Halifax were lost. One was destroyed over the island of Hango, after being engaged by flak, and another by a fighter 50 miles W. of Denmark. The third loss cannot be accounted for.

LEAFLETS

46 Wellingtons from Training Groups dispersed leaflets over Northern and France without incident.

/FIGHTER OPERATIONS

FIGHTER OPERATIONS

41. 54 Mosquitos carried out SEPRATE and intruder patrols and attacked in Northern France and the Low Countries. All returned safely; one SEPRATE destroyed a Me.110.

SPECIAL OPERATIONS

42. 9 Wellingtons, Halifaxes and Mosquitos were sent on special operations over the Continent. All were successful and returned safely.

MLM/HEA
BC/S.2634235/ORS4
15th July, 1944.

L. DIST.	GROUP	COUNTRY TYPE	SORTIES	% OBTAINED		OVER S.T.	NOT OVER S.T.	MINS. IN G.	REMARKS		MINS. IN G.	NOT OVER S.T.	REMARKS		REMARKS	
				RETR.	RETR.				RETR.	RETR.			RETR.	RETR.		RETR.
P. BIRDS (NOISY-LE-SIB)	8	Lane III	26	25	1	-	-	1	-	-	-	-	-	-	-	1101.6 4.1
		Lane II	25	25	-	-	-	-	-	-	-	-	-	-	-	
		Hal II	1	1	-	-	-	-	-	-	-	-	-	-	-	
		Hal III	111	111	-	-	-	-	-	-	-	-	-	-	-	
TOTAL NOISY-LE-SIB			163	162	1	-	4	1	-	-	-	-	-	-		
TIGRIS	4	Lane III	24	24	-	-	-	-	-	-	-	-	-	-	709.1 10.5	
		Hal III	139	139	-	-	1	3	-	-	-	-	-	-		
TOTAL TIGRIS			163	163	-	-	1	3	-	-	-	-	-	-		
TIGRIS (JD NOISY-LE-SIB)	8	Moq III	5	4	-	-	1	-	-	-	-	-	-	-	-	
		Moq XVI	5	1	-	-	2	-	-	-	-	-	-	-		
		Moq I	8	5	-	-	3	-	-	-	-	-	-	-		
TOTAL			18	10	-	-	6	-	-	-	-	-	-			
ROBIN	8	Moq IV	3	2	-	-	1	-	-	-	-	-	-	-	1518.7 19.4	
		Moq IX	7	4	-	-	3	-	-	-	-	-	-	-		
		Moq XVI	6	4	-	-	2	-	-	-	-	-	-	-		
		Lane III	45	45	-	-	-	-	-	-	-	-	-	-		
	1	Lane I	46	46	-	-	-	-	-	-	-	-	-	-	-	
		Lane III	93	91	-	-	1	1	-	-	-	-	-	-		
		Lane II	44	44	-	-	-	-	-	-	-	-	-	-		
3	Lane II	29	29	-	-	-	-	-	-	-	-	-	-	-		
	Lane III	16	16	-	-	-	-	-	-	-	-	-	-			
TOTAL ROBIN			209	201	-	-	7	-	-	-	-	-	-			
P. BIRDS (JUVENY)	8	Moq IX	1	-	-	-	1	-	-	-	-	-	-	-	750.7 10.3	
		Moq XVI	2	2	-	-	-	-	-	-	-	-	-	-		
		Lane I	82	61	-	-	1	-	-	-	-	-	-	-		
		Lane III	120	117	-	-	3	-	1	2	-	-	-	-		
5	Lane I	4	5	-	-	1	-	-	-	-	-	-	-	-		
	Moq XVI	4	3	-	-	1	-	-	-	-	-	-	-			
TOTAL JUVENY			209	205	-	-	6	-	-	-	-	-	-			
BEGLIN	8	Moq IV	3	8	-	-	-	-	-	-	-	-	-	-	20.1 0.4	
		Moq IX	4	4	-	-	-	-	-	-	-	-	-	-		
		Moq XVI	11	11	-	-	-	-	-	-	-	-	-	-		
		Moq XX	1	1	-	-	-	-	-	-	-	-	-	-		
TOTAL BEGLIN			24	24	-	-	-	-	-	-	-	-	-	9x1000 lb.		

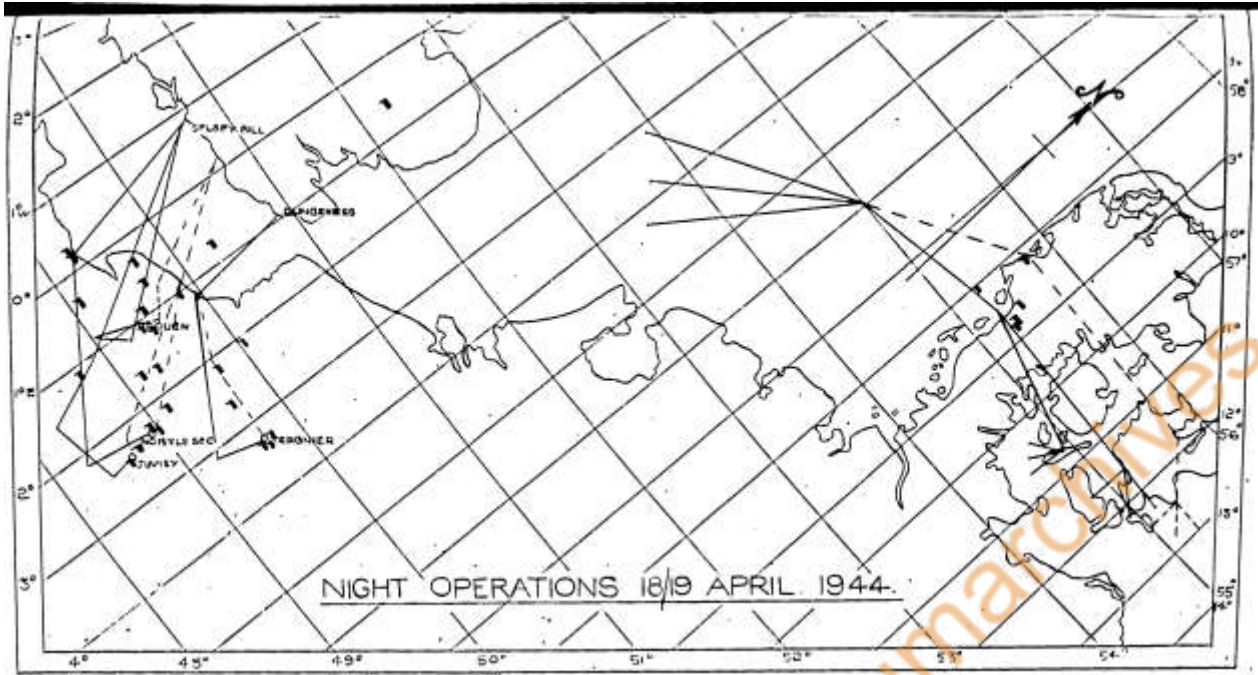
contd.

L. DIST.	GROUP	TYPE	SORTIES	% OBTAINED		OVER S.T.	NOT OVER S.T.	MINS. IN G.	REMARKS	MINS. IN G.	NOT OVER S.T.	REMARKS		REMARKS
				RETR.	RETR.							RETR.	RETR.	
CHLUBROCK	8	Moq IX	1	1	-	-	-	-	-	-	-	-	-	1.3
		Moq XVI	1	1	-	-	-	-	-	-	-	-	-	
TOTAL CHLUBROCK			2	2	-	-	-	-	-	-	-	-	-	
BOIRD	8	Moq XVI	2	-	-	-	-	-	-	-	-	-	-	-
		Moq XVI	2	-	-	-	-	-	-	-	-	-	-	
TOTAL BOIRD			860	856	2	19	3	11	4	2+1,3+3	1+2,2+3	13	12	
IMBELYING	5	Stir	4	4	-	-	-	-	-	-	-	-	-	-
		Hal	11	11	-	-	-	-	-	-	-	-	-	
TOTAL			15	15	-	-	-	-	-	-	-	-	-	
IMBELYING	1	Lane I	2	2	-	-	-	-	-	-	-	-	-	497 miles
		Lane III	15	15	-	-	-	-	-	-	-	-	-	
		Lane I	1	1	-	-	-	-	-	-	-	-	-	
5	Lane III	18	18	-	-	-	-	-	-	-	-	-	-	
	Lane III	36	36	-	-	-	-	-	-	-	-	-	-	
TOTAL			56	56	-	-	-	-	-	-	-	-	-	
IMBELYING	4	Stir	5	5	1	5	2	2	1	L.C.	-	-	-	-
		Hal	6	6	-	-	-	-	-	-	-	-	-	
4	Hal	6	6	-	-	-	-	-	-	-	-	-	-	-
	Hal III	6	6	-	-	-	-	-	-	-	-	-		
TOTAL			55	50	1	5	2	2	1	1+L.C.	-	-	4	
IMBELYING	4	Hal	20	20	-	-	-	-	1	-	-	-	-	-
		Hal	35	31	-	-	1	1	1	-	-	-	-	
TOTAL			61	59	-	-	1	1	1	-	-	-	-	
TOTAL IMBELYING			168	160	1	4	3	3	4	1+L.C.	-	-	8	1
LITLED	91	Well III	25	25	-	-	-	-	-	-	-	-	-	-
		Well X	12	12	-	-	-	-	-	-	-	-	-	
		Well X	11	11	-	-	-	-	-	-	-	-	-	
TOTAL LITLED			46	46	-	-	-	-	-	-	-	-	-	

EMPLOYED AT: BEAUVAIS, ST. OMER, OULBANS, SVRAX, CHLUBROCK, LE MAS, L.V.S., G.S.T., BEAUVIS, ROUEN, CHLUBROCK, ST. PIERRE, L.V.S., LENOON, REIMS, P. BIRDS, LITLED, JUVENY, CHLUBROCK, VIREUX, ST. PIERRE, L.V.S., LENOON.

L. DIST.	GROUP	TYPE	SORTIES	% OBTAINED		OVER S.T.	NOT OVER S.T.	MINS. IN G.	REMARKS	MINS. IN G.	NOT OVER S.T.	REMARKS		REMARKS
				RETR.	RETR.							RETR.	RETR.	
TIGRIS REPORT & RECORDED	100	Moq	32	27	-	-	5	-	-	-	-	-	-	-
		Moq	1	1	-	-	-	-	-	-	-	-	-	
TOTAL			1107	1070	3	23	11	8	3+2+10+38	-	4+2,3+3+2B	21	23	
TIGRIS REPORT & RECORDED	100	Various	9	-	-	-	-	-	-	-	-	-	-	-
		Moq	12	-	-	-	-	-	-	-	-	-	-	
		Moq	9	-	-	-	-	-	-	-	-	-	-	

* NOT INCLUDED IN GRAND TOTAL



BOMB PLOT NOT AVAILABLE

www.bombercommandmuseumarchives.ca

COPY NO. 16BOMBER COMMAND REPORT ON NIGHT OPERATIONS20/21st. APRIL, 1944.COLOGNE: OTTIGNIES: LA CHAPELLE: LEIS: Chambly: Berlin:
Mindelaying: etc.SUMMARY

Again Bomber Command despatched over 1100 aircraft. 379 of them went to Cologne, where they caused great damage N. and N.W. of "The Ring", especially the industrial area of Ehrenfeld and the rail centre at Gereon. Strong formations also visited the marshalling yards at Lens, Ottignies and La Chapelle. There was little cloud over Northern France, and all 3 targets were heavily hit. German fighter controllers were distracted by so many bomber streams, and 12 of the 1039 aircraft engaged in these attacks were lost.

G-H Stirlings paid another visit to the permanent way depot at Chambly. Mosquitoes attacked Berlin and airfields in France, the Low Countries and Northern Germany. Others carried out intruder patrols. Mines were laid off Northern and western coasts of France, and training crews scattered etc. From these subsidiary operations, 2 bombers and 2 fighters were lost. All targets, we destroyed 3, probably 5, enemy aircraft, and damaged at least 3

WEATHER FORECAST

Midnight frontal positions:- 60 N. 13E. - 55 N. 14E. - 50 N. 09E.

Bases:- Fit all night, with little cloud.

Germany:- Broken convection cloud along North Sea coast. Good clearances the front inland. Thick cloud to great heights in frontal zone. Considerable amounts of medium and low cloud in Munich area. Little cloud in E.

France:- No cloud N. of the frontal belt except in N.W.

COLOGNEMETHOD OF ATTACK

Method of attack 2 G 05 Mosquitoes on each of Channels 3, 11 and 12, and one on Channel 1, were to mark the A/P with sky-marker flares (green with yellow stars). These blind backers-up detailed to attack before 2 + 4 were to drop sky-markers (red with yellow stars) and green S.I. blindly. Later arrivals were to drop sky-markers only. Visual backers-up were to aim greens at greens with a 2-second overshoot. Supporters and main force aircraft were to aim at the yellow sky-markers, or at the centre of the red-yellow flares, on a heading of 0 N. in either instance. But if S.I. were visible, they were to aim at the centre of greens with a 2-second overshoot. Blind marker aircraft unable to bomb were to join the main force.

5. Timing Zero hour: 0200
- Duration of attack: 0156-0208
- Mosquitos. 7 @ z - 4, -1, +2, +4, +6, +9 and +12
- Blind backers-up. 23 @ z - 1 to z + 7
- Visual backers-up. 13 @ z to z + 7
- Supporters. 34 @ z - 1
- Main force. 128 @ z to z + 4
128 @ z + 4 to z + 8
27 ABC aircraft throughout the attack.

6. Diversion 22 Mosquitos were to drop T.I. and H.I. on Cologne at after dropping 6 bundles of WBDON per minute per aircraft for the last

SORTIES

7. No. of aircraft despatched.....
- " " " reporting attack on primary area.....
- " " abortive sorties.....
- " " aircraft missing.....

WEATHER EXPERIENCED

8. Bases:- Pit all night, with little cloud.
- Route:- Cloudless to Dutch coast. 50 miles inland a belt of 7-12 at 12-15,000' was encountered, which gradually increased to 10/10ths.
- Target:- 10/10ths., tops 15,000'. Cirrus above. No moon.
- Wind at 2,000':- 290-335° / 5-5) kts.

NIGHT PHOTOGRAPHIC STATISTICS

9. All photographs showed 10/10ths. cloud.

NARRATIVE OF ATTACK

10. For a variety of reasons, none of the OCS Mosquitos dropped early. The heavy aircraft were all rather late, and although the first skymarker down at z, they were scanty, although continuous, until z + 4. From z they were in good supply. Green T.I. were also plentiful, but they soon disappeared into the cloud and few aircraft landed on the . The skymarker reported as well concentrated, but slightly spreading up and down wind.

DAY RECONNAISSANCE

11. Cologne sustained further severe damage was a result of this attack confined almost entirely to the districts N. and W. of "The Ring", with heavy concentrations in the industrial area of Ehrenfeld and on the railway near Gercon. In Ehrenfeld, the Rheinische Sprengkapsel und Zundhatchen Fab (detonators for coal mines and shell fuses), Inbert Generators (wood gas generators), both priority 2, together with a steel foundry, a large dye works producing steel cables and machinery and numerous unidentified industries were all hit, the first 2 very seriously. In Nippes, several buildings rubber works of Franz Clouth and the Land und See cable factory, both priority were gutted or ravaged by fire. Rail facilities at the Gercon centre were gravely affected. Many bombs fell on the goods sidings and transporters destroying both the small local repair shops. 50 wagons were derailed or At the time of photography, 2 days after the attack, the goods sheds were 90% out of the action, the sidings 40% on the side and off-loading facilities 50%. The goods station at Nippes on the goods and passenger stations were also affected, with many hits on running lines. Business and residential property suffered considerably.

...../D LIX 2500

ENEMY DEFENCES

12. Ground defences Searchlights illuminated the base of the clouds. The heavy guns fired a moderate barrage, mainly below operational height. Light flak was seen.

13. Fighters The multiplicity of targets on this night, with the rate of attack increasing as the night progressed, surprised the enemy and effectively reduced the losses on Cologne. The controllers apparently expected a deeper penetration beyond Bonn, and sent most of their aircraft towards Frankfurt. Cologne was not mentioned as the target until nearly half an hour after the first markers had fallen. Fighters were present in moderate numbers over the target from $z + 6$, and made a few attacks on the way home.

ENEMY AIRCRAFT DESTROYED (all targets)

14. Our crews claimed the destruction of 1 Bw. 190, 1 He. 110 and 1 Do. 217; probable destruction of 1 Me. 109 and 1 Ju. 88; and the damaging of 1 He. 110 and one unidentified enemy aircraft.

ENEMY COMMUNIQUE

15. "British aircraft made a terror attack on the built-up area of Cologne. Considerable damage was caused to buildings, particularly in the residential districts, and the population suffered casualties....."

CASUALTIES

16. No. of aircraft missing..... 4 ()
 " " " damaged (flak..... 3)
 (fighter..... 1)..... 16
 (non-one way action..... 7)

None of the 4 losses can be ascribed to any definite cause. 2 aircraft apparently went down over the target possibly after a collision, and a third over the Dutch islands. None of the returning aircraft reported any serious damage. The rate of loss is exceptionally low for a Ruhr target.

DETAILS 14/7PLAN OF ATTACK

17. Method of attack Mixed GEEB groups working on REWEAVE. One Mosquito on each of Channels 1 and 5 was to open the attack with green T.I. Illuminators were then to drop white flares and bomb on the T.I., releasing the first bundle of flares with the T.I. and the rest at 15-second intervals. If T.I. were visible, they were to hold their bombs for a second run, but to drop flares on their first run. Visual markers were to mark the W/1 with yellow, but not if yellows had already been dropped by earlier arrivals. The attack, 6 GEEB Mosquitoes were to drop green T.I. or, if they had made a red T.I. Visual backers-up were to aim green at the centre of yellows, or at the centre of greens with a 1-second overshoot. Master Bomber broadcast instructions in the target area, using a visual markers lead to the attack, if necessary. Supporters were to aim at the centre of yellows if possible; otherwise, at the centre of greens.

18. Timing Zero hour: 2340
 Duration of attack: 2334-2350

Opening Mosquitoes.	2 @ $z - 6$
Illuminators.	5 @ $z - 5$
Visual markers.	2 @ $z - 3$ and $z - 1$
Master Bomber (to arrive at)	@ $z - 5$
Mosquitoes.	6 @ $z - 2, z, z + 2, +4, +3$ and $+10$.
Visual backers-up.	3 @ $z + 3, +4, +5$.
Supporters.	3 @ z .
Main force.	69 @ z to $z + 5$
	89 @ $z + 5$ to $z + 10$.

...../scd

No. of aircraft despatched..... 196
 " " " reporting attack on primary area..... 190(37.0%)
 " " abortive sorties..... 6(3.0%)
 " " aircraft missing..... 1(0.5%)

WEATHER

Conditions:- 10/10ths. strato-cumulus over North Sea and Belgian coast, thin to small amounts inland. No cloud over target. No moon. Wind at 0: 350°/30-40 m.p.h.

TYPE OF ATTACK

The attack opened punctually with a set of T.I. dropped by one of the bombers. These were followed by well placed flares and the, between s + 1, by 2 sets of T.I. red. The Master Bomber judged the southerly of s + 2 to be more accurate and ordered the leaders to gain force to concentrate in pair. More OOB T.I. were dropped in the same area between s + 10 and s + 15. One pair of reds fell 1,000 yards N. of the A.P., but attracted no fire. The main force attack was well concentrated around the A.P. area, but there was a little undershooting.

EXPERIENCE

A large number of bombs fell in fields to the N. and N.W. of the yards, enough landed on the target to split every line, as well as the main shops, Brussels and Namur. Rolling stock suffered badly, and the repair shops and engine turntable were affected by near misses. The large workshops to the S. of the yards escaped the brunt of the attack and were not severely damaged.

DEFENSE

Hardly any fighters were seen, and only one attack was reported. It was slight and inaccurate, and only one searchlight exposed.

LOSS

One Lancaster was lost over the target. 400 bombs in all. 10 aircraft returned undamaged.

LA CASSELIN 197

PATROL

The marshalling yards at La Chapelle were allocated to 5 Group, assisted by 3 bomber aircraft of 8 Group. 2 attacks were to be delivered, one on a main A.P. in the yards, and one on a southern A.P. In both attacks, the wing technique was to be adopted. OOB T.I. were to mark the A.P. with the green C.I. at zero hour. From s + 1 to s + 5, Lancasters were to strike the target with flares, while 2 squadrons of 617 Squadron mark the yards with red spot fires. The Master Bomber was to assess the accuracy of the flares, and if necessary mark them up with red spot fires of his own. Main force were to arrive over the target between s + 10 and s + 15, and were to be instructed by the Master Bomber. Red spot fires were not to be dropped in the yards. (a) 0005 (b) 0105.

No. of aircraft despatched..... 264
 " " " reporting attack on primary area..... 250(37.0%)
 " " abortive sorties..... 9(3.3%)
 " " aircraft missing..... 5(2.2%)

EXPERIENCED

La Chapelle:- Patchy cloud en route and over the target. No moon.

NATURE OF ATTACK

Both attacks were well concentrated round accurate markers, and crews were harassed by smoke from fires.

RECONNAISSANCE

The southern half of the yards suffered worst, tracks, rolling stock, millitons and also industrial plants all receiving very heavy damage. Further concentration of bombs fell on the flyover junction leading to the exit to Laon, via Le Bourget. Just south of this group, a water tower was badly damaged. 2 large locomotive/carriage sheds received direct hits; as did the Dupas iron foundry, the S.M. and. at Luchaire (railway components), the Societe Generale des Cirages Francaises and the bridge south of the yard on the Boulevard Ney. The construction of tracks joining the north and south yards, the tracks leading W. towards Clichy and E. towards Le Bourget were all out.

DEFENCES

Neither wave was intercepted before reaching the target area. 4 attacks reported altogether, 2 over the target, one near the French coast and one by intruder over Essex. In one of these, a Lancaster shot down a FW.190. Quite heavy and light flak was met from the yards, and a fairly intense barrage from the Paris guns. Searchlights were few and ineffective.

LOSSES

6 aircraft (2.2%) were lost. 1 fell in the first wave, 3 over Paris (one at 9,000', one to fighter and the third to an unknown cause) and one to fighter near Beauvais. In the second wave, one aircraft was destroyed by flak near Dornay and another to light flak near Paris. One Lancaster did not return and crashed into some houses. The aircraft was wrecked.

LESSONS

OF ATTACK

Method of attack and timing as for Ottignies, except that the main force of axes was to attack in 2 waves from z to z + 4 and z + 4 to z + 8.

RESULTS

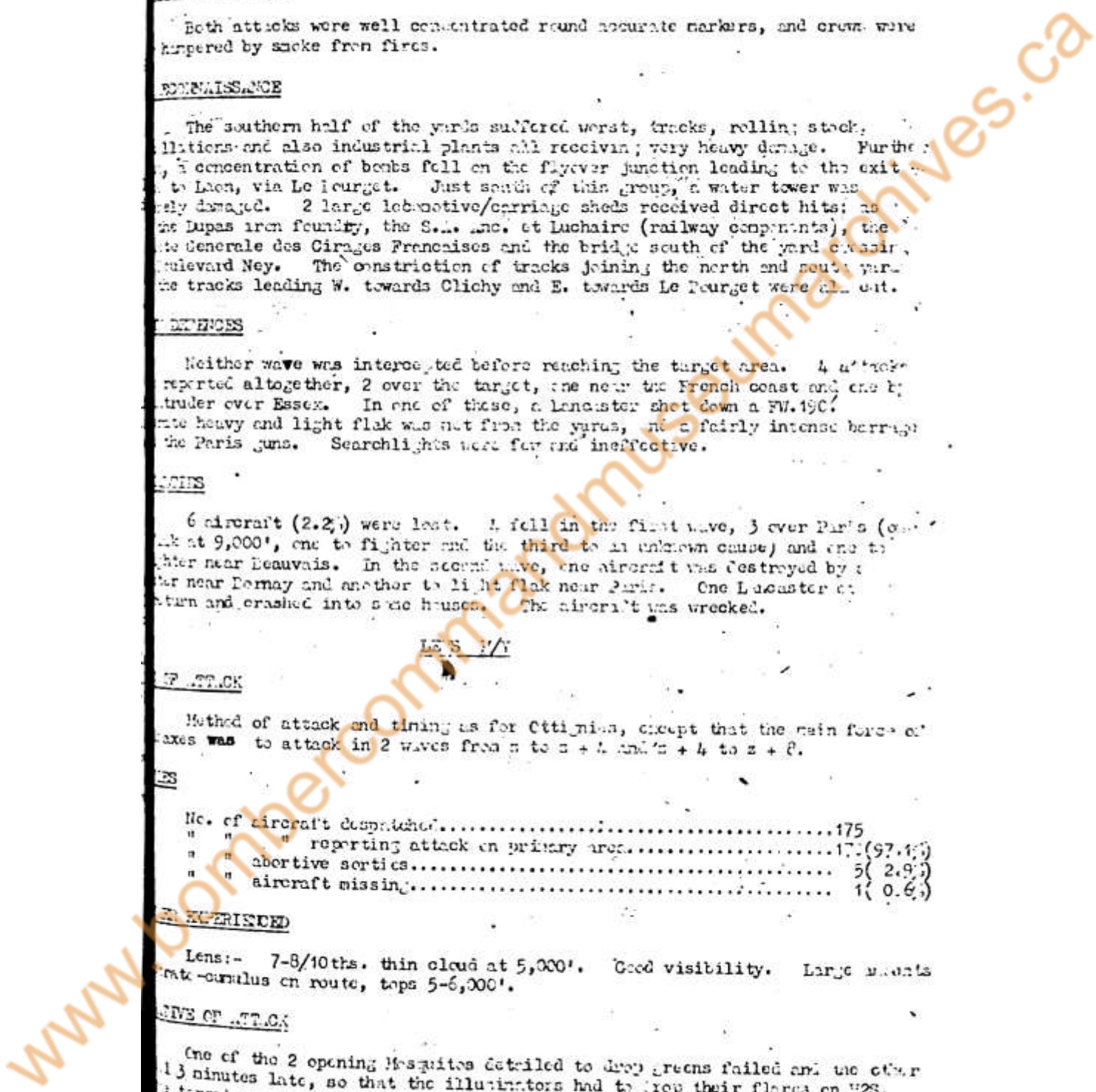
No. of aircraft despatched.....	175
" " " reporting attack on primary area.....	17 (9.7%)
" " " abortive sorties.....	5 (2.8%)
" " " aircraft missing.....	1 (0.6%)

EXPERIENCED

Lens:- 7-8/10ths. thin cloud at 5,000'. Good visibility. Large amounts of stratus-cumulus en route, tops 5-6,000'.

NATURE OF ATTACK

One of the 2 opening Mosquitoes detailed to drop greens failed and the other 13 minutes late, so that the illuminators had to drop their flares on H2S. As target was distant from any built-up area, the flare-sticks were rather blurred. Cloud prevented the visual markers from identifying the actual A.T. as yellows were dropped. However, the 2 Mosquitoes carrying reos markers were before zero. Visual markers followed these T.I. with greens, and the Bomber, judging these to be well placed, ordered the main force to bomb on reos. Most of the bombing was well concentrated here, but there was a



wastage to the north and east. Cloud forced some crews to make more than one run before they could identify the T.I.

DAY RECONNAISSANCE

36. The weight of the attack fell on the locomotive and carriage repair shops and depot in the S.E. of the yards. All were severely damaged. Tracks to Douai were cut in several places, and 25-30 wagons were derailed. The small residential area N. of the yards sustained a number of hits, and fields S. of the yards were pocked with craters.

ENEMY DEFENCES

37. Slight fighter activity was observed between Bioppe and Le Trepport. 2 combats occurred at Lens. In our bombers left the target, they saw a few twin-engined fighters approaching the coast from the Channel. A few bursts of heavy flak were met over the target. No searchlights exposed.

CASUALTIES

38. One Halifax was lost, to a fighter near Bioppe shortly after crossing the coast on the way in. Another Halifax was irreparably damaged in combat.

CHAMPLAIN

39. 14 G-N Stirlings were despatched against the permanent way Depot at Chamblay. 3 attacked by means of their preceding devices, 10 were abortive because of G-N failure, and one was lost without trace. The target was obscured by cloud, and bomb bursts were seen in the target area. Reconnaissance showed 2 hits on the rail lines in the scores yards, and 22 craters 1,200-1,300 ft. W-WSW of the points and crossing shown.

BERLIN

40. 13 Mosquitos carried out a harassing raid on Berlin. Y-aircraft markers in a compact group, and bomb bursts were seen in the target area. The Mosquitos returned undamaged.

MINELAYING

41. 38 Stirlings and Halifaxes were detailed to lay mines off the French Channel and Atlantic ports. 35 completed their task, laying 154 mines. One was lost, but one Halifax crashed on landing.

DISSEMINATION

42. 27 Wellingtons and Whittlers were sent to scatter leaflets over Northern France. 25 completed their task, one was abortive and one was lost without trace. It was last plotted 60 miles E. of Brest and flying southwards.

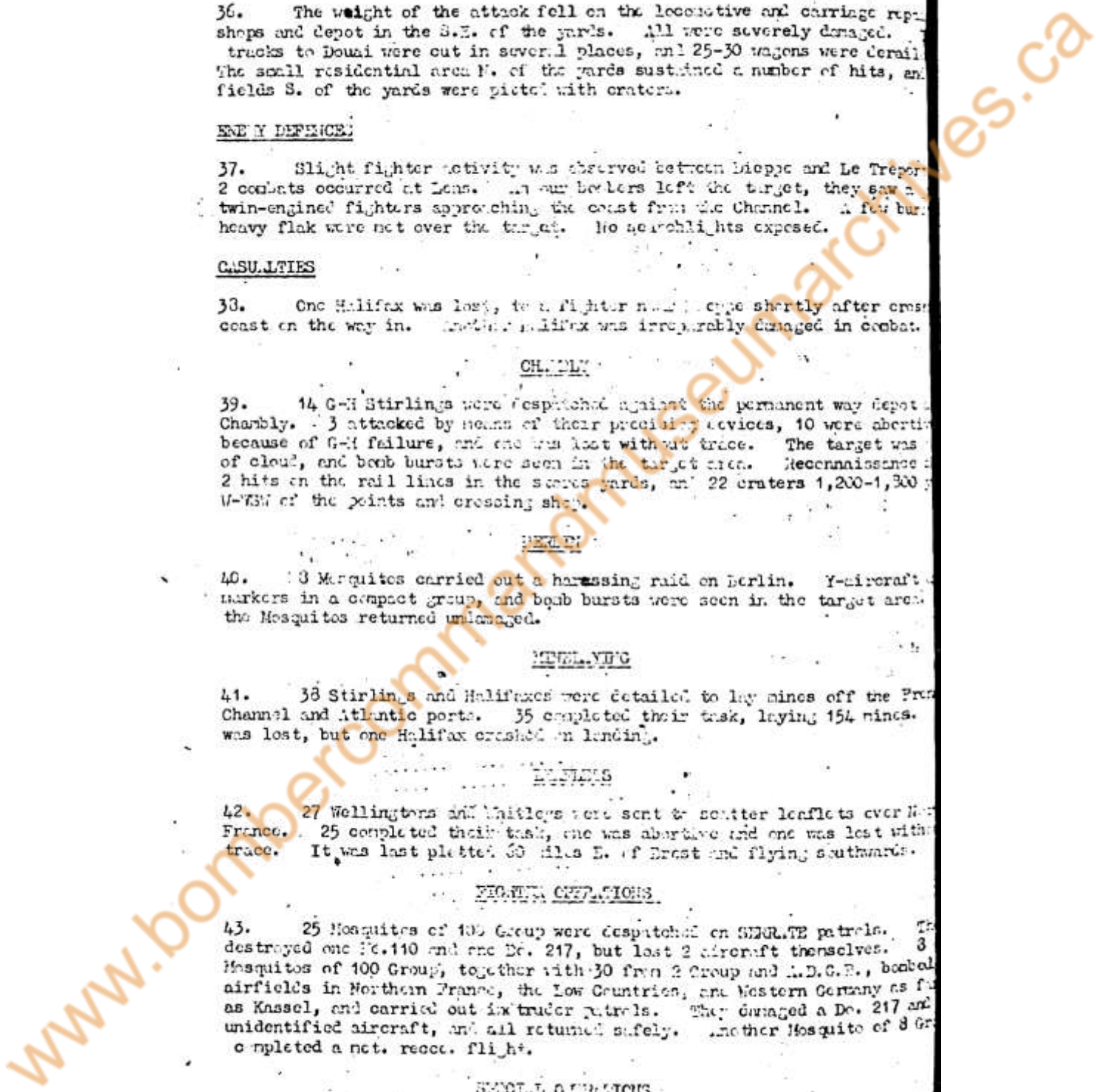
REGIMENTAL OPERATIONS

43. 25 Mosquitos of 100 Group were despatched on SERRATE patrols. They destroyed one Do. 110 and one Do. 217, but lost 2 aircraft themselves. 3 Mosquitos of 100 Group, together with 30 from 2 Group and A.D.C.R., bombed airfields in Northern France, the Low Countries, and Western Germany as far as Kassel, and carried out intruder patrols. They damaged a Do. 217 and unidentified aircraft, and all returned safely. Another Mosquito of 8 Group completed a noct. recc. flight.

SPECIAL OPERATIONS

44. 16 Halifaxes, Mosquitos, Portresses and Wellingtons from 3 and 100 were detailed on special operations. 14 were successful. All returned safely.

YLM/JT.
DC/S.20342/4/OISL,
23rd. July, 1944.



UNIT	GROUP	INSTR	MONTH	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE
COLOGNE	1	Lane I	75	69	-	5	1	-	2	1.0	-	1.0	3	5	1020.5	740.5				
		Lane III	121	124	-	3	4	2	3	-	-	-	2	5						
	3	Lane I	42	41	-	1	-	1	1	-	-	-	-	-						
		Lane II	31	31	-	-	-	-	-	-	-	-	-	-						
		Lane III	14	13	-	-	-	-	-	-	-	-	-	-						
	6	Lane II	22	21	-	-	-	-	-	-	-	-	-	-						
		Lane III	52	52	-	-	-	-	-	1+1.0	-	1+1.0	1.0	-						
		Meag IV	7	7	-	-	-	-	-	-	-	-	-	-						
		Meag IX	2	-	-	1	-	-	-	-	-	-	-	-						
		Meag XVI	13	10	-	3	-	-	-	-	-	-	1	-						
	COLOGNE TOTAL			375	358	-	13	5	4	1+1.0	1+1.0	1+2.0	4	7						
OFFSHORE	4	Hal II	14	14	-	-	-	-	-	-	-	-	-							
		Hal III	146	142	-	-	-	-	-	-	-	-	-							
		Hal V	15	15	-	-	-	-	-	-	-	-	-	-						
	6	Lane III	14	14	-	-	-	-	-	-	-	-	-	-						
		Meag XVI	5	5	-	-	-	-	-	-	-	-	-	-						
OFFSHORE TOTAL			196	190	-	2	4	1	-	-	-	-	-							
RANGE (LA. CLEVELAND)	5	Lane I	85	80	-	2	1	2	1	-	-	1	1	1201.8	87.0					
		Lane III	164	159	-	3	2	4	7	-	-	-	-							
		Meag IV	13	13	-	-	-	-	-	-	-	-	-	-						
	8	Meag XVI	3	3	-	-	-	-	-	-	-	-	-	-						
		Meag IX	5	4	-	1	-	-	-	-	-	-	-	-						
RANGE TOTAL			269	260	-	6	5	6	8	-	-	1-1.0	4	9						
LEIS	6	Hal	120	119	-	-	-	-	-	-	-	-	-							
		Hal	34	34	-	-	-	-	-	-	-	-	-	-						
	8	Lane III	14	14	-	-	-	-	-	-	-	-	-	-						
		Meag IV	1	1	-	-	-	-	-	-	-	-	-	-						
		Meag XVI	2	1	-	1	-	-	-	-	-	-	-	-						
LEIS TOTAL			175	170	-	4	1	1	1	1.0	-	-	-							

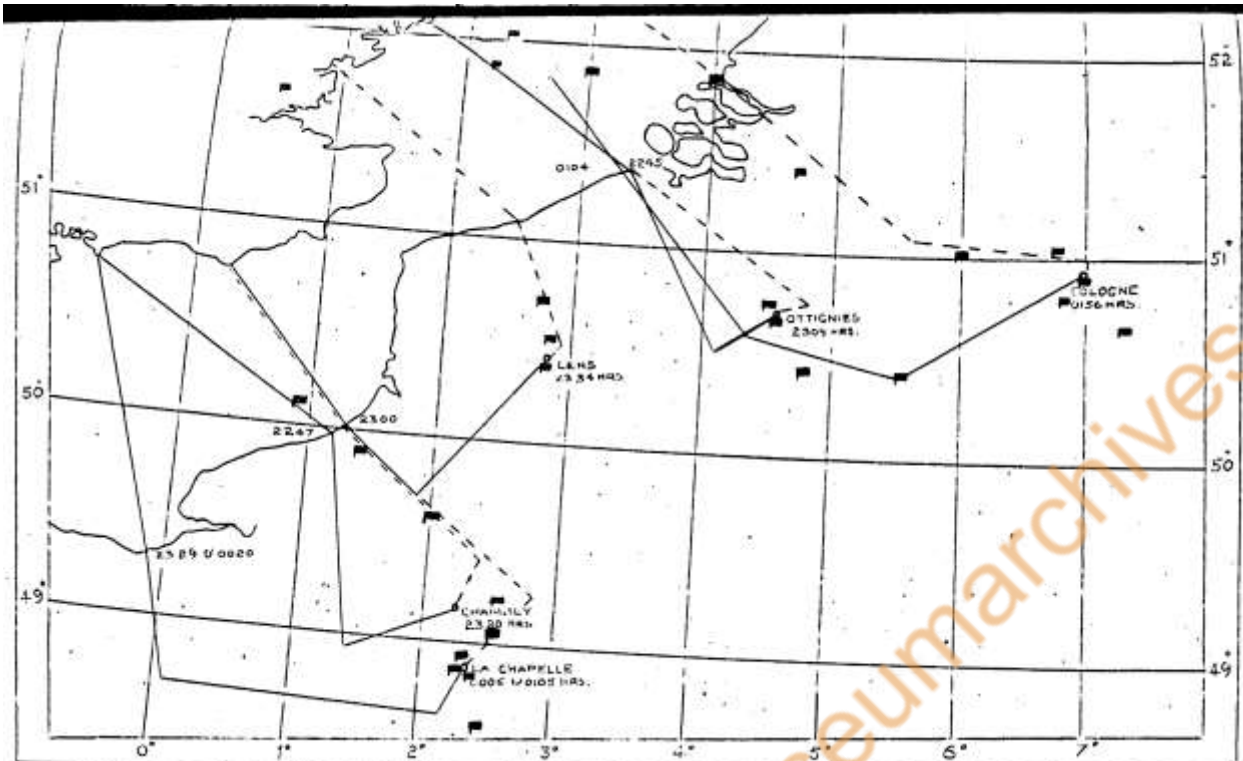
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UNIT	GROUP	INSTR	MONTH	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	
CHERRY	3	Star III	14	4	-	-	10	-	-	-	-	-	-								
		Meag IV	2	2	-	-	-	-	-	-	-	-	-								
		Meag IX	4	4	-	-	-	-	-	-	-	-	-								
		Meag XX	2	2	-	-	-	-	-	-	-	-	-								
CHERRY TOTAL			8	8	-	-	-	-	-	-	-	-	-								
DOING TOTAL			1041	990	-	35	15	1	-	-	-	-	-								
MILL YING	3	Star	2	1	-	-	-	-	-	-	-	-	-								
		Star	10	10	-	-	-	-	-	-	-	-	-								
		Star	10	9	-	-	-	-	-	-	-	-	-								
		Star	8	7	-	-	-	-	-	-	-	-	-								
		Star	8	7	-	-	-	-	-	-	-	-	-								
	4	Hal	2	2	-	-	-	-	-	-	-	-	-								
		Hal	2	2	-	-	-	-	-	-	-	-	-								
		Hal	2	2	-	-	-	-	-	-	-	-	-								
	6	Hal	2	2	-	-	-	-	-	-	-	-	-								
		Hal	2	2	-	-	-	-	-	-	-	-	-								
MILL YING TOTAL			30	35	-	-	-	-	-	-	-	-	-								
LE PLES	91	Well III	1	1	-	-	-	-	-	-	-	-	-								
		Well X	2	2	-	-	-	-	-	-	-	-	-								
	92	Well Y	4	3	-	-	-	-	-	-	-	-	-								
		Well III	3	3	-	-	-	-	-	-	-	-	-								
93	Well III	3	3	-	-	-	-	-	-	-	-	-									
	Well X	12	12	-	-	-	-	-	-	-	-	-									
LE PLES TOTAL			27	26	-	-	-	-	-	-	-	-	-								
FIGHTER P. TACKS			100	85	-	-	-	-	-	-	-	-	-								
EMERGENCY			100	8	-	-	-	-	-	-	-	-	-								
NET RECCO			0	1	-	-	-	-	-	-	-	-	-								
UNIT TOTAL			1140	1075	-	35	3	1	1	1.0+1.0	1+1.0	3+2.0+2.0	12	37							
UNITS AT: AMERS, LEIS, JOSEPH, ALBION, LEWIS, BRON, DEON, DEWILLE, CHAMALAN, TOURS, ORLEANS, BLOIS, SOIS, CLERMONT																					
(SPECIAL OPS)			3	2	-	-	-	-	-	-	-	-	-								
(SPECIAL OPS)			100	14	-	-	-	-	-	-	-	-	-								
(SPECIAL OPS) TOTAL			103	16	-	-	-	-	-	-	-	-	-								

Contd

UNITS	GROUP	INSTR	MONTH	% DEPARTING		% RETURNING		OVER R.T.	OVER D.T.	MISS-ING	FLAK	VICIN	LIFE	NOT	EMERGENCY	NOT	TOTAL	TOTAL	
				PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE												
TOTAL			30																

(% NOT INCLUDED IN UNIT TOTAL)



BOMB PLOTS NOT AVAILABLE

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

21/22nd. APRIL, 1944.

Cologne: Minelaying: etc:

BY

Cologne 24 Mesquitos (4 Mk. II and 20 non-BOE) were despatched to Cologne. The markers quickly disappeared into thick cloud, and only 12 aircraft bombed then, the rest attacking on GEE/DR. One aircraft bombed Wehrhaid; and one jettisoned its load. From this and all other operations on this night, all aircraft returned safely.

Minelaying 58 Stirlings and Halifaxes laid 183 mines off the Frisians, Dutch coast, Brest and Lorient without incident.

Leaflets 15 Stirlings and Wellingtons were sent to scatter leaflets in Northern France. 14 completed their task.

Fighter operations 5 Mesquitos of 2 Group were detailed on intruder ops. One bombed Chartres airfield; the rest were abortive.

Special operations 13 Halifaxes and Wellingtons left on special sorties to the Continent. 11 were successful.

WEATHER FORECAST

Winds:- Cloudy at dusk (base generally 1,500', with lower patches). A cold front will cause a temporary deterioration, but later cloud will lift and visibility will become good.

Germany:- Well broken strato-cumulus. Medium frontal cloud will persist from a line Berlin-Stuttgart-Friedrichshafen.

France:- Well broken strato-cumulus; but cloud will increase in N.E. of low stratus on W. coast.

Texel area:- Much medium and strato-cumulus, with slight to moderate rain. A cold front will be crossed over the North Sea.

RESULTS

No. of aircraft despatched.....	97
" " " completing sorties.....	94
" " " attacking alternative area.....	1
" " abortive sorties.....	2
" " aircraft missing.....	0
" " mines laid.....	183

REMARKS

Cologne, Frisians, Texel, W. France:- 10/10ths. cloud, tops 5-8,000'.

REFERENCES

Only one fighter was seen, by a leaflet aircraft S.7. of Chateaudun. It was seen to attack. Slight flak was met from Cologne and the E. coast of France.

...../CASUALTIES.

CASUALTIES

10. All aircraft returned safely. One Mosquito was slightly damaged by flak over Cologne, and another was bruised by the fall of its own bomb.

MEM/JT.
EC/S.26342/6/CRS4,
13th. July, 1944.

				DOWN	DOWN	E. T.	OVER S. T.					ACFT	ED	H. E.	INC.
COLOGNE	8	Mosq. XVI	12	10	1	1	-	-	-	-	-	1.00			
		" IX	2	2										32.1	4
		" IX	1	1						1				(15 x 4000	
		" TV	9	9										lbs)	
		COLOGNE TOTAL	24	22	1	1	-	-	1	-	-	1			
MIDLANDS															
FRISLANE	3	Stir. III	14	14										183 MEMS	
	4	Hal.	10	10											
	6	Hal. III	10	10											
WEST	6	Hal.	10	10											
WEXEL	3	Stir. III	2	2											
S. WEXEL	3	Stir. III	2	2											
LORIENT	4	Hal.	10	10											
		MIDLANDS TOTAL	58	58											
LEAPONS	3	Stir. III	5	3			1								
	93	Hall. X	11	11											
		LEAPONS TOTAL	14	14			1								
		GRAND TOTAL	97	94	1	1	1	-	1	-	-	1			
SPECIAL OPS. *	3	Various	9												
	100	Various	4												

LEAPONS W: - CLERMONT - FERLAND - ST. ETIENNE - LEON - DIJON - ARGENTAN - DREUX - ALENCOUR - LE MANS - LAVAL

* NOT INCLUDED IN GRAND TOTAL

WEIGHTED REPORT ON NIGHT OPERATIONS

22/23rd. APRIL, 1944.

DUSSELDORF: BREMEN: LERN / 3: Mannheim: Wiesent: Leaflets: etc.

BY

For the third time within a week, London was bombed and despatched over 1,100 aircraft. 596 of them went to Düsseldorf, and gave the city its first heavy attack for 5 months. There was no cloud below cirrus levels over the Ruhr, and the bombing was high; concentrated. The priority 1+ works of Rheinmetall and IG Farben suffered most grievously. Large stores of 5 and 1 Groups went to Brecken, and caused heavy damage in the city centre, although a technical hitch in skymarking diverted some of the bombing. A third strong force visited the marshalling yards at Larn again, creating fresh havoc. The variety of the attacks followed puzzled the German fighter controllers. 42 aircraft were lost.

Mosquitoes were sent against Mannheim, Wiesent and airfields in Northern France, the Low Countries and Western Germany. Others carried out SEARCHLIGHT and other patrols, while Stirlings and Wellingtons scattered leaflets over France and made special sorties. No further losses were sustained. 5 enemy fighters were destroyed.

WEATHER FORECAST

Midnight frontal positions:- (1) wave from GIB. DEP. - S.W. Euro (2) depression from 60N. 22½E. - 50N. 15E. - Munich - Nantes.

Winds:- Little cloud at dusk. Moderate cloud will increase in Yorkshire, there will be little cloud below. Moderate visibility.

Germany:- Little cloud N. of occlusion, except well broken strat.-cumulus over North Sea and Baltic coasts. Thick cloud to 10,000' in frontal zone. Ruhr, Düsseldorf: little or no cloud below cirrus levels. Well broken convection cloud, below 10,000', over southern North Sea.

France:- Little cloud N. and E. of occlusion.

MISSIONS

ATTACK

Method of attack: GECB Mosquitoes were to drop red F.I. at approximately 1000 ft intervals. Buckers-up were to aim guns at the centre of reds or of searchlights, with a 2-second overshoot in either instance. Supporters and rain-makers were to obey the same principle for bombing.

Timing: Zero hour: 0115
Duration of attack: 0110-0135

Mosquitoes. 8 @ z - 5 to z + 12
Buckers-up. 12 @ z - 5 to z + 14
Supporters. 50 @ z - 1
Main force. 104 @ z - 5 to z + 3
102 @ z + 3 to z + 5
97 @ z + 5 to z + 8
101 @ z + 8 to z + 11
102 @ z + 11 to z + 13
15 ABC aircraft throughout the attack.

...../Diversion.

6. Diversions 22 Mosquitos were to carry out a feint attack on dropping spoof fighter flares near the town. 6 Mosquitos were to drop of WRECH per minute within 20 miles of Dusseldorf, and bomb at 2 - 5.

SORTIES

7. No. of aircraft dispatched..... 5
 " " " reporting attack on primary area..... 5
 " " " " " " alternative area.....
 " " abortive sorties.....
 " " aircraft missing.....

WEATHER EXPERIENCE

8. Phases:- Fit all night.

Target:- No low or medium cloud. Thin cirrus at 22,000'. No visibility. No moon. Much cloud at 17,000' over Holland on return. Non-persistent contrails. Wind at 20,000': 305°/50 m.p.h.

NIGHT PHOTOGRAPHIC RESULTS

9. Too few photographs were plotted to give any idea of the course or accuracy of the attack.

NARRATIVE OF FLICK

10. 5 of the 12 OSOE Mosquitos dropped markers and, although these were continuous, they fell at regular intervals throughout the raid and had an excellent reconcentrating effect. The backing-up was continuous, plentiful and very high standard. The bombing was highly concentrated.

DAY RECONNAISSANCE

11. Reconnaissance showed further severe damage in the already devastated Dusseldorf. The Rheinmetall Bersig A.G. (priority 1+) suffered most previously, especially the hydraulic power station, drop forge and press, shops and assembly shops. At least 15 hits were scored on tracks in the marshalling yards; and serious damage was caused to Schiess Defries A.G. the Mannesmann works at Bath (1), and the Press & Walzwerk A.G. (2). Die Rohrenwerke A.G. (1) and the Diele stockworks (2) were also hit. Business residential property was affected, but the earlier destruction left little remaining in the centre of the town.

DEFENSES

12. Ground defenses Heavy flak barrage was fired of moderate intensity. Several aircraft were engaged by predictor control seen fire. Many searchlights exposed. No light flak was reported.

13. Fighters Fighters were active against the Dusseldorf force, but with no great measure of success. They were undoubtedly distracted by the diversion on Mannheim and intruder operations. Some fighters that had engaged the main force engaged our aircraft as they crossed Belgium, shortly after completion of the attack on the yards; but most of the combats occurred after aircraft turned N.W. at Waldeck. Fighters were not very active over the target until midway through the raid.

ENEMY AIRCRAFT DESTROYED

14. Losses on this target destroyed 2 T/3 aircraft and damaged 3 S/E; intruders of 100 Group destroyed a He 110 and an unidentified fighter.

...../EVEN COM

KEY COMMENTS

"Last night British bombers made a terror attack on several towns in West and Central Germany. Damage was caused and the population suffered losses, particularly in the residential quarters of Lusseldorf and Brunswick. Our defences destroyed 73 British bombers during these and other operations over occupied Western territory."

CASUALTIES

29 aircraft (L.7) were lost. Observations suggest that 12 were destroyed by flak, 6 by fighters and 4 in collisions. One of the collisions occurred as 2 aircraft emerged from cloud over Holland, and another involved a Halifax and a Lancaster over Dusseldorf. Aircraft were shot down from the ground at Hamur (2), Aachen/Duren (2), Dusseldorf (4), Krefeld (2), Venlo and Mindhoven; and in combat near Vitry, Hamur S. of Liege, Dusseldorf (2), Miel, Mindhoven and Schwanen. The other 5 losses cannot be accounted for. One returning Lancaster was wrecked in a landing accident.

PLANPLAN OF ATTACK

Method of attack. The target was to be attacked by 2 waves of aircraft, the first on the southern λ/P , and the second 40 minutes later on the northern. Mosquitos were to mark each λ/P with yellow and green T.I. and red spot fires. Illuminators were to drop white flares at the T.I., retreating then if no T.I. were visible. By the light of these flares, the Master Bomber (or his deputy) was to direct the bombing, dropping more accurate markers if necessary. Backers-up, Supporters and main force crews were to bomb as directed by the Master Bomber.

Timing Zero hour: S. λ/P - 2325
N. λ/P - 0005

Mosquitos. 20 z - 6
19 z - 4
10 z - 2

Illuminators) 80 z - 5

Master Bomber)
Deputy)

Backers-up } 150 z
Supporters. }

Main force. 0 z to z - 6

The same timing for both λ/P 's.

RESULTS

N. of aircraft despatched.....	131
" " reporting attack on primary area.....	169 (93.4%)
" " abortive sorties.....	12 (6.6%)
" " aircraft missing.....	9 (5.0%)

WIND EXPERIENCE

Cloudless. No moon. Good visibility. Dense persistent contrails locally. No cloud en route apart from cirrus over the Channel. Wind target:- 330°/20 r.p.h.

RESULTS OF ATTACK

Only one Mosquito marked the southern λ/P , with yellows at z - 5. These were well placed, and the Master Bomber directed crews to bomb slightly to the rear of them. Most aircraft bombed on these yellows. For the benefit of later arrivals,

of later arrivals, the Deputy Master Bomber was instructed to mark the $\sqrt{2}$ visually, which he did very accurately with greens. The bombing remained centred on the $\sqrt{2}$. A load of red spot fires was dropped in error 3 miles of the $\sqrt{2}$, but attracted no attention. In the second phase, on the northern $\sqrt{2}$, all 4 GBOE aircraft attacked with yellows, but owing to a technical defect which necessitated calling in the reserve aircraft, no reds were dropped until $z + 9$. The Master Bomber instructed all aircraft to bomb on the centre of yellows. When the greens came down, crews were told to bomb the northern part of the constellation. A notable feature of this attack was the exactitude with which the main force followed the instructions of the Master Bomber.

D.V. RECONNAISSANCE

22. Most of the damage resulted in the area around the sorting sidings, the transshipment sheds, carriage on, wagon repair shops, and goods depot all suffered badly from direct hits. Over 100 bombs fell on the sorting sidings themselves, severing all tracks, and one third of the wagons in the yard were destroyed. 6 craters occurred on the tracks in the junction at the east end of the yard.

ENEMY DEFENCES

23. The first wave of aircraft reported few fighters until they had reached 0300E. on the return route. The second wave found a few over the target. 3 attacks were reported, though several were observed involving missing aircraft. A Lancaster destroyed a twin-engine fighter 10 miles S. of the Little flak was encountered.

G. SUMMARY

24. 9 aircraft (5%) were lost. The first wave lost one to a fighter over target, one to heavy flak at Dinant and 2 to fighters between Rheims and Soissons on the way back. The second wave lost 3 to fighters at Larn, St. and Compiègne, and 2 to unknown causes, including another near Compiègne. Stirling ~~was~~ on take-off and was wrecked.

BRISWICK

PLAN OF ATTACK

25. Method of attack A datum point 5 miles S. of 5210N. 0930E. was marked with cascading green T.I. for the benefit of the marker force. The wave was to fly over the target at zero hour to give support to the flares illuminating the $\sqrt{2}$; they were then to orbit clear of the defences to the east of the target. Mosquitoes of 5 Group were to mark the $\sqrt{2}$ visually with red spot fires. After these had been assessed, bombing instructions were to be issued. The first wave were to commence their bombing run. They were to leave the $\sqrt{2}$ on a S.E. track, proceeding direct to 5155N. 1030E. By the time the second wave had arrived, the red spot fires were to have been backed up by more Mosquitoes. Second wave aircraft, after bombing, were to proceed direct to 5200N. 0930E. to port round the defences. If no instructions had been received, they were to follow the same course as the first wave. In the event of the enemy putting down dummy spot fires, or of our own being dropped wide, the trackers-up were to cascade green T.I. on the $\sqrt{2}$. If visual marking was impracticable, illuminating markers were to drop cascading greens and skymarkers on H2S. Warning of a skymarker technique was to be given by wireless.

- 26. Timing Zero hour: 115
- Marker aircraft. Times not specified.
- Main force. 113 c/o TOT - 2
- 112 c/o TOT - 3 to z + 15.

LOSSES

27.	No. of aircraft despatched.....	265
	" " " reporting attack on primary area.....	255 (96.2%)
	" " " reporting attack on alternative area.....	1 (0.4%)
	" " abortive sorties.....	9 (3.4%)
	" " aircraft missing.....	4 (1.5%)

WEATHER EXPERIENCED.

8-10/10ths. to 14,000', with much cirrus, persisted to 10⁰⁰E., but broke before the target was reached. Controls over most of the route. Target: thick haze or thin cloud layers below 22,000', with static.

TARGET PHOTOGRAPHIC STATISTICS

28.	No. of aircraft plotted in target area (ground detail.....19).....	49
	(fire-tracks.....30)	
	" " " " off " " (ground detail.....40).....	152
	(fire-tracks.....112)	
	" " " estimated to have bombed in target area (max.....62	
	(min.....49	
	(mean.....53)	
	" " " " " " within 3 miles (max.....171	
	of A/P. (min.....34	
	(mean.....62)	

NATURE OF ATTACK.

The target was well illuminated by flares, and Mosquitos accurately marked A/P from low altitudes. About 60% of aircraft attacked these markers, but owing to a technical hitch, the skyrockets augmenting them were dropped wide to south and attracted the rest of the bombing. An excellent concentration was achieved by those aircraft which bombed the red spot fires, and an hour later a complete configuration was reported.

ACCOMPLISHMENT.

Considerable damage occurred in the business/residential area S. of the city centre. Many hits were scored on the S.W. marshalling yards, the works of Vereinigte Eisenbahn-Stapelwerke (priority 2) suffered heavily, and those of Vereinigte Luftkraftwagen moderately.

DEFENCES.

Fighters did not appear in strength until the attack had been in progress for 20 minutes. They made some attempt to harass our bombers on the way home, even so only 10 attacks were reported. The flak defences were weaker than expected, with a heavy barrage of moderate intensity to 17-23,000'. Searchlights were few and ineffective.

REMARKS.

4 aircraft (1.5%) were lost - a very low proportion for such a deep penetration. One fell to flak near Hannover, 2 to fighters near Quackenbruck on way home, and the fourth over the target to an unknown cause. One Lancaster on take-off, caught fire and was gutted.

INCIDENTS.

17 Mosquitos carried out a diversionary attack on Mannheim shortly before attack on Düsseldorf began. There was no cloud, and a good concentration achieved around the markers. Fifteen 4,000 lb. bombs were dropped. All

...../aircraft returned

aircraft returned undamaged.

MISSILE

35. 2 M.I Mosquitos were despatched against the flying bomb site at
but both were abortive.

LEAFLETS

36. 19 Stirlings and Wellingtons were detailed to scatter leaflets of
Northern and Central France, including Paris, Orleans, Lyons and Le Creus
17 were successful. All returned safely.

FIGHTER OPERATIONS

37. 7 Mosquitos of 100 Group carried out SEPARATE patrols, destroying
110 and an unidentified aircraft without loss to themselves. 39 Mosquitos
from A.D.G.B. and 2 Group patrolled and attacked enemy airfields in North
France, the Low Countries and Western Germany as far afield as Erfurt and
Oldenburg. 7 others from 100 Group also carried out intruder patrols,
contacted no enemy aircraft. One Mosquito completed a weather reconnaissance
flight. All these aircraft returned safely.

SPECIAL OPERATIONS

38. 10 aircraft from 100 Group carried out special operations without

MEM/JF.
BC/S.26342/5/ORS4.,
24th. July, 1944.

				ACCA	ADCA	M.Y.	OVER 10%				BOSS	ACTION		ED	IB	IBC	
DUSSELDORF	1	Lane. I Lane. III	62 116	60 112	1	1	1	4		1 AD 3 AD		1B + 1E 2 AC	2	1	926.0	284.5	
	3	Lane. I Lane. II Lane. III	43 29 15	41 25 14	1		2 3 1	1 3	2		1+1AD	1 AD	1	1	12 x 8000		
	4	Hal. III	141	137		1	3	8	5+1 AD	3 AD	1+1B+ 1 AD		8	5	215 = 6000		
	6	Hal. III Lane. II	113 23	109 21			4 2	8	2+1AD+1B	1 AD 1	2 AD 1		3 1	4 1			
	8	Lane. III Mos. IV Mos. XVI Mos. IX	39 7 5 9	35 6 1 6			1 2 3	1	3	1	1+2AD	1	1	1	2		
DUSSELDORF TOTAL			596	567	2	8	19	29	16+2AD+1B	2+2AD+ 1B	4+6AD+ 1B	1+3AD+ 1B+1E	21	21			
LEON	8	Mos. IX Mos. XVI Mos. III	9 3 32	4 1 31		5 2 1		4	1 AD	1 AD					711.6	3.5	
	3	Spine. I	68	65			3	3				1 E		2			
	4	Hal. IX	29	29			1	1	3AD+1B								
	6	Hal. IX	45	39			1	1									
	LEON TOTAL			181	169		8	4	9	2AD+1B	1 AD		1 E	3	2		
BRUNSWICK	1	Lane. I Lane. III	7 5	6 3			1								297.8	443.5	
	5	Lane. I Lane. III Mos. IV Mos. XVI	61 157 13 4	61 150 11 4			6 1	2	3+3AD 2+1AD	1+3AD		1+1E 1	2 8	7 12			
	BRUNSWICK TOTAL			265	255	1	1	6	4	3+2AD	1+3 AD		2+1E	10	19		

...../over

MANHATTAN	8	Mos. IV Mos. IX Mos. XVI Mos. IX	3 2 11 1	3 2 11 1											10.7	1.7
MANHATTAN TOTAL			17	17											15 = 6000	
ROSELAND	8	Mos. XVI	2			2										
ROSELAND TOTAL			2			2										
SPRINGFIELD	3	Spine. I Hal. IX Hal. III	2 5 5	2 6 6												
SPRINGFIELD TOTAL			19	17												
INDEPENDENCE	100	Mosquito	7	7												
PIPER	100	Mosquito	19	15												
ST. MICHAEL	6	Mosquito	1	1												
GRAND TOTAL			1107	1018	1	19	37	42	22+6AD+ 2B	3+1AD+1B	4+6AD+ 1B	1+3AD+1B+ 1E	34	42		

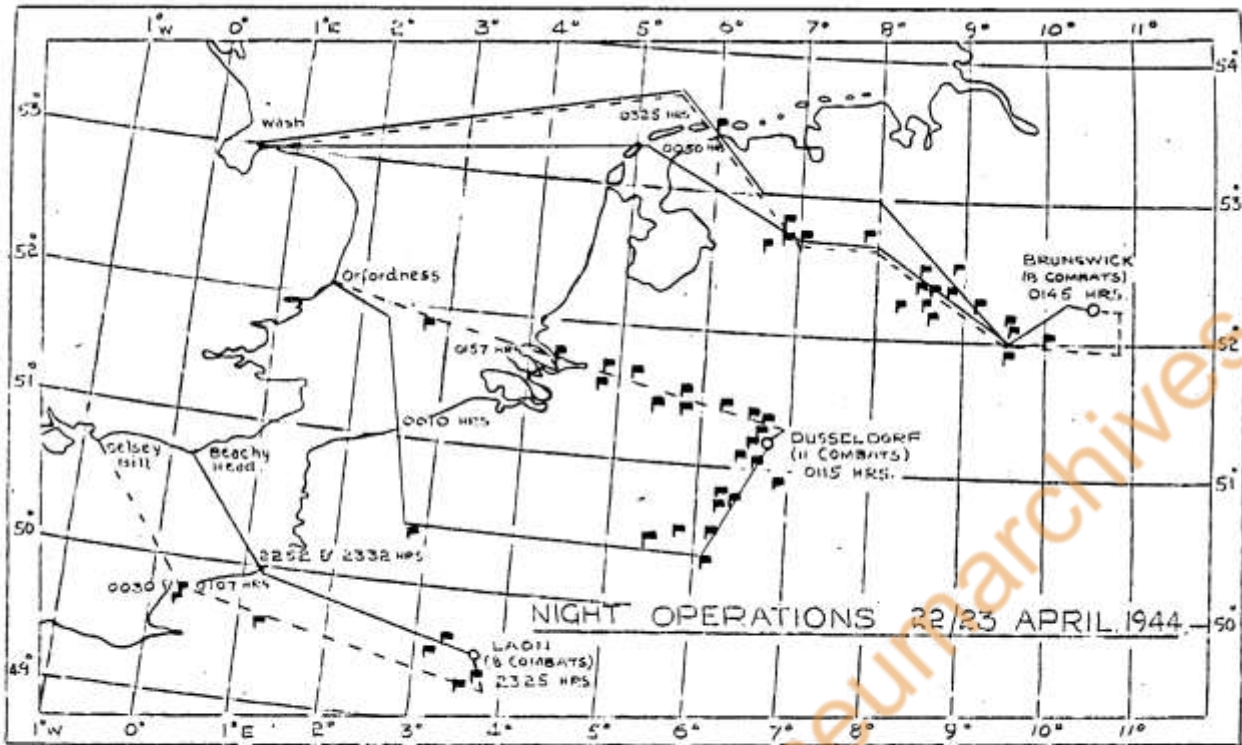
EMPLOYEES ARE - INDIAN - GULCH - EL GRANOT - DEWES - VERMILION - GRILLS - INDIAN - CHAMBER - PARIS

SPECIAL OPS.	100	Various	10													
INTEGRATED OPS.	2	Mosquito ACSB	20 19													
INTEGRATED TOTAL			39													

X NOT INCLUDED IN GRAND TOTAL.

www.bombardier.com/museumarchives.ca

TOT



562

www.bombercommandmuseumarchives.ca

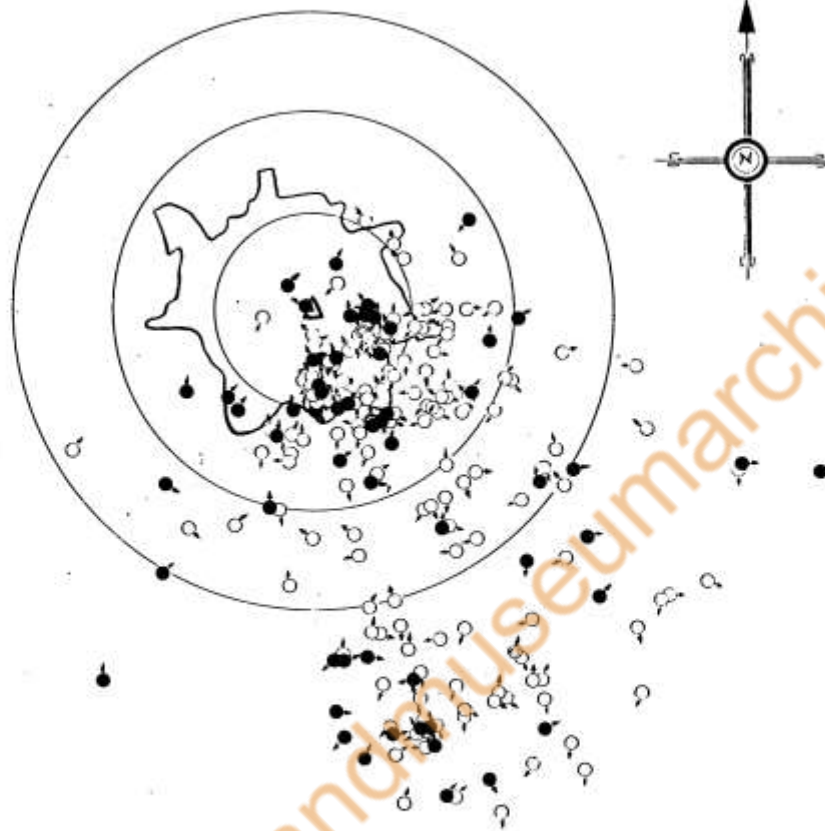
FINAL PLOT OF NIGHT PHOTOGRAPHS

TAKEN 22/23 APRIL 1944.

TARGET: BRUNSWICK

533

SECRET



Photographs taken, withing Bombing
PTE, marker, No. Man Force, etc

Plotted by	By ground detail	By jets
Plotted by ground detail	●	○
Plotted by jets	○	○
Plotted	By ground detail	By jets
Within target area	19	30
Outside target area	40	112

Scale: 1 inch = 1 mile

ORS/BC 4430
 10 10 44 J.Y.
 24 284 11/48

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BOMBER COMMAND REPORT ON NIGHT OPERATIONS

23/24th APRIL, 1944

Brussels : Mannheim : Minelaying : etc.

Brussels 12 Stirlings of 3 Group were detailed to attack the signals depot at Vilvorde, 3 miles N.W. of Brussels on G-H. Although the small depot was not hit, the bombs were well grouped and 50% were within 550 yards of the target. All aircraft returned undamaged.

Mannheim 25 non-OBON Mosquitos, including 5 Y-aircraft, attacked Mannheim. 2 Y-aircraft dropped T.I. on H2S, and all but one of the back-up bombed markers. A good concentration was reported. All aircraft returned undamaged.

Minelaying 113 Lancasters, Stirlings and Halifaxes were despatched to lay mines in the Baltic. 102 completed their task, laying 319 mines in their allotted areas. Another aircraft jettisoned its mines in a useful position. 2 Stirlings and 1 Lancaster were lost, but our aircraft destroyed at least 4 enemy fighters.

Leaflets 6 Wellingtons dispersed leaflets uneventfully over N. France.

Fighter Operations 4 Mosquitos of 100 Group completed SEKRATE patrols, one dropping a PW.190. Another, of 8 Group, carried out a net. recon. flight.

Special operations. 12 Halifaxes were detailed on special sorties over the Channel. All completed their missions and returned safely.

FORECAST

Weather: Mostly fit until 0400 hours, with variable strato-cumulus above. After that hour, East Anglia will have low stratus or visibility troubles.
Germany: Much medium and upper cloud in N. Little cloud below 25,000' S. For minelaying in the Baltic, a warm front will approach the Danish coast at night, giving very low cloud with layered medium cloud above. Strato-cumulus will be at about 12-13°E, and upper cloud will disperse beyond Swinehoed.
France: Little cloud S. of 49°N. Much low stratus in N.E., and low visibility. But Antwerp area may be clear.

No. of aircraft despatched	161
No. of aircraft reaching primary area	154
No. of aircraft reaching alternative area	1
No. of abortive sorties	6
No. of aircraft missing	5 (3.2%)
No. of mines laid	319

EXPERIENCED

Weather: Little cloud at dusk. Medium and low cloud increased in N., becoming thick at 1,500' in Yorkshire by 0400. Low stratus spreading from the S.W. affected groups towards dawn.

Brussels: No low cloud. Variable cirrus. Moderate visibility.
Mannheim: No cloud. Good visibility.
Baltic: Mainly cloudless beyond Eastern Denmark. Moderate visibility.

ENEMY DEFENCES

10. The minelayers encountered comparatively slight opposition, considering they had little cloud cover. They were pursued eastwards from Esbjerg by fighters brought from the Elbe and further S., and on the way home a few interceptions made W. of Denmark. Our gunners enjoyed unusual success, destroying 4 fighters (2 Fw.190, a Ju.88 and an Me.110), as well as probably destroying a fifth and damaging another Me.110. Another Fw.190 was destroyed by patrolling Mosquito. The only serious flak opposition on route was met at Esbjerg. The Stirlings encountered negligible defences at Brussels, but intense flak was reported by Mosquitos on Mannheim.

CASUALTIES

11. 5 aircraft did not return from minelaying sorties over the Western Bal. 3 were shot down by heavy flak at Esbjerg, Haderslev and Funen. No fighter victories were seen, and the cause of the other 2 losses is not known. All 5 aircraft returned undamaged.

MLM/MTA
BC/S.26342/6/ORS4
13th July, 1944

UNIT	GROUP	TYPE	SORTIES	ENEMY ON		SORTIES		RE-ENG	FLAK	FIRE	HIT BY BRIT. I.P.	NOT LAUNCHED TO F/A	ATTACKED	NOT ATTACKED	RESULTS	
				RET. RE.	INT. RE.	OVER E.T.	NOT OVER E.T.								DE.	INC.
STIRLING	3	Stir III	12	11	-	-	1	-	-	-	-	-	-	-	29.5	-
MOSQUITO	8	Mosq IV	9	9	-	-	-	-	-	-	-	-	-	-	33.5	.7
		Mosq IX	5	5	-	-	-	-	-	-	-	-	-	-	(15x4000 lbs.)	
		Mosq XVI	9	9	-	-	-	-	-	-	-	-	-	-		
		Mosq IX	2	2	-	-	-	-	-	-	-	-	-	-		
TOTAL MINELAYERS			25	25	-	-	1	-	-	-	-	-	-	-		
TOTAL DOWNING			37	36	-	-	1	-	-	-	-	-	-	-		
MINELAYERS																
LANCASHIRE	1	Lanc I	1	1	-	-	-	-	-	-	-	-	-	-		
		Lanc III	1	1	-	-	-	-	-	-	-	-	-	-		
SUNDERLAND	1	Lanc I	2	2	-	-	-	-	-	-	-	-	-	-		
		Lanc III	4	4	-	-	-	-	-	-	-	-	-	-		
	5	Lanc I	3	3	-	-	-	-	-	-	-	-	-	-		
		Lanc III	2	2	-	-	-	-	-	-	-	-	-	-		
PERCY	3	Stir III	30	27	1	-	2	1	-	-	-	-	3	1		
CLYDE	6	Hal I	12	12	-	-	-	-	-	-	-	-	-	-		
CHOR	4	Hal III	13	13	-	-	-	-	-	-	-	-	-	-		
CLYDE	6	Hal	20	19	-	-	1	3	-	-	-	-	4	-		
	6	Hal	19	17	-	-	2	1	-	-	-	-	1	-		
SUNDERLAND	6	Hal	6	6	-	-	-	-	-	-	-	-	-	1		
TOTAL MINELAYERS			113	107	1	-	5	5	-	-	-	-	8	2		
LE FLIERS																
LE FLIERS	93	Well X	3	3	-	-	-	-	-	-	-	-	-	-		
		Well	3	3	-	-	-	-	-	-	-	-	-	-		
TOTAL LE FLIERS			6	6	-	-	-	-	-	-	-	-	-	-		
SUPPORT																
PERCY	100	Mosq	4	4	-	-	-	-	-	-	-	-	-	-		
MET. RESERVE																
MET. RESERVE	6	Mosq	1	1	-	-	-	-	-	-	-	-	-	-		
GRAND TOTAL			162	154	1	-	6	5	-	-	-	-	8	2		
SPECIAL OPS																
SPECIAL OPS	3	Various	10	-	-	-	-	-	-	-	-	-	-	-		
	100	"	2	-	-	-	-	-	-	-	-	-	-	-		

* NOT INCLUDED IN GRAND TOTAL. LE FLIERS AT- : RESERVE : LE FLIERS : LE FLIERS : LE FLIERS

COPY NO. 16

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

24/25th. APRIL, 1944.

OPERATIONS: MUNICH: Dusseldorf: Aachen: Charbilly: Linelaying: etc:SUMMARY

637 aircraft were sent to Karlsruhe, which had not been heavily attacked for nearly 2 years. There was, unexpectedly, a good deal of cloud over the target, and a backing wind caused most aircraft to bomb N. of the city. Considerable damage resulted in the target area, the extensive railway workshops and 12 factories being affected. The outlying residential area of Strodel and 2 villages in open country were devastated. The bomber force was split into 2 streams, which approached the target by different routes, while another strong force went to Munich and a diversion was carried out over the North Sea. The fighters were distracted, and only 47 aircraft (10%) were lost.

Great damage was caused at Munich, where 5 Group sent 260 bombers and fighters. The attack was most accurately centred on the heart of the city, and the buildings suffered grievously. The industries of Munich are mostly situated on the outskirts, and were less affected. Few fighters were lost, and only 9 bombers were lost.

G-8 Stirlings attacked the permanent way depot at Charbilly; Mosquitoes bombed Dusseldorf; and in connection with the Munich raid which was routed via the North Sea, Lancasters carried out a diversion over the Channel, dropping markers but no bombs. There were also French Channel patrols, the Spitfires, and other aircraft on the coast. There were also intruder patrols, and special sorties. One Halifax and 2 Mustangs were lost.

WEATHER FORECAST

Midnight frontal positions:- Cold front 58° 10E. - Hamburg - Amsterdam - Lixstone - S. Ireland.

Bases:- Much low cloud S. of front. Northwards, cloud will disperse, and visibility will become poor in smoky areas.

Germany:- Much cloud N. of 51°E. Little cloud further S. Karlsruhe: Much cloud below cirrus levels. Good visibility. Moderate icing on route.

France:- Much cloud in N., little in S.

OPERATIONSROUTE

See route map.

Method of attack: RECONNOITRED with emergency signalling. If there was no cloud, blind marker illuminations were to drop green T.I. and illuminating bombs. Visual markers were to mark the A/P with mixed reds and greens, using earlier greens as a guide. Blind back-up, if attacking before z + 7, were to drop bombs only at the centre of all T.I. Later arrivals were to drop red T.I. markers blindly, regardless of the weather. Visual backers-up were to aim at the centre of mixed salvos, or of other T.I., with a 1-second overshoot.

..... Supporters were to bomb

Supporters were to bomb blindly, visually or on a good D.R. If markers were already down, they could act as main force aircraft. Main force crews were to aim at the mixed salvos, or at the centre of reds, overshooting by 2 seconds to allow for the visual centring error. But if cloud obscured all T.I. the blind plan was to be adopted. Blind marker illuminators were to drop green T.I. skymarkers (red with yellow stars). Visual markers were to bomb blindly on the main force. Blind backers-up were to drop skymarkers blindly, together with the reds if they bombed after $z + 7$. Visual backers-up were to bomb blindly with the main force. Main force crews were to aim at the centre of all sky markers, the first 2 waves on a heading of 120° , and the last 2 on a heading of 100° .

7. Timing

Zero hour: 0010

Duration of attack: 0035-0054

Blind marker illuminators.	20 @ $z - 5$
Visual markers.	6 @ $z - 3$
Blind backers-up.	14 @ z to $z + 13$
Visual backers-up.	16 @ z to $z + 12$
Supporters.	53 @ $z - 5$
Main force.	114 @ z to $z + 3$
	117 @ $z + 3$ to $z + 6$
	131 @ $z + 6$ to $z + 10$
	144 @ $z + 10$ to $z + 14$
	14 A/C aircraft throughout the attack

8. SORTIES

No. of aircraft despatched.....	637
" " " reporting attack on primary area.....	591
" " " " " alternative area.....	19
" " abortive sorties.....	27
" " aircraft missing.....	19

* This figure now, includes the number of missing aircraft.

WEATHER EXPERIENCED

9. Bases:- Cloud dispersed at 0630, and visibility remained good.

Route:- Cloud increased to 10/10ths. in frontal zone over Dutch in several layers to 22,000', with heavy to moderate icing and static. conditions extended to 20 miles from the target.

Target:- 7-8/10ths. Cirrus alto-stratus at 17-18,000'. Cirrus thick. Hazy. No moon. Cloud dispersed over N.E. France on homeward journey.

Winds:- (at 20-22,000'). $305^\circ/60$ mph. over bases, backing to 2° at target, and veering to $235^\circ/50$ mph. by 04-03 E. on return.

NIGHT PHOTOGRAPHIC STATISTICS

10. Owing to the cloud over the target, too few photographs were obtained to give any indication of the course of the raid.

NARRATIVE OF ATTACK

11. Only 5 of the 20 blind marker illuminators dropped T.I., and none of the visual markers attacked. The visual backers-up were hit, so that the raid became centred on the last 2 T.I. of the blind markers, both approximately 1 mile N.E. of the A/P. The backing wind pushed all aircraft northwards on run in, and the bulk of the bombing fell outside the city to the N. and N.W.

...../DAY RECONNAISSANCE

GENERAL LOSSAGE

Some scattered damage was caused in the town of Karlsruhe, mostly towards the east of the town centre, where the extensive railway workshops (priority 2) were severely hit, and the town gasworks and an artillery barracks moderately damaged. 11 factories (including 5 of priority) were hit. S.E. of the town, Helfertswieser, the priority 2 industrial premises of Gustav Genshau (G. small arms ammunition) suffered seriously. Great destruction occurred in the villages of Durlach and Grotzingen, and in the residential area of Stadtteil Muehlen, all to the E. of Karlsruhe. The airfield N. of the town was also affected.

GROUND DEFENCES

Ground defences Day searchlights exposed, apart from a group 10 miles S. of the town. The heavy guns of the target field moderate loose barrage, with a little accurate unseen predicted flak. Rockets burst in salvos at 18,000'. En route, ground opposition was met near Saarbruecken, Mannheim, Speyer, Charleroi, Lille, Rotterdam and Strasbourg.

Fighters Between 2200 and 2300, the enemy controllers had to take notice of 4 separate bomber streams, viz., the Munich force crossing from Selsey to Calburg, the southerly Karlsruhe force between Beachy Head and Le Treport, the northerly force between East Anglia and Overflodden and the Bullseye diversion from Hablethorpe north-eastwards to O630B. They reacted by concentrating fighters from N. and W. Germany near Munster to deal with any threat N. of the Rhine, towards the Ruhr or in the direction of S. Germany, sent one group back to deal with any threat in the N., and brought the rest southwards to Bonn then to Frankfurt. At first they anticipated an attack on Frankfurt, and concluded that the 3 southern streams would converge at and against Weimburg. Weather difficulties were experienced by the fighters in the deep target belt, and they only made 16 attacks, at widespread intervals throughout the routes.

BY AIRCRAFT DESTROYED

A Halifax destroyed a Me. 109 with a light in its nose, and another Halifax probably destroyed a Me. 109.

BY CONSOLEUSE

"Last night British bombers violated German territory and carried out a very terror raid on Munich. Damage and casualties were caused among the population in residential areas. Irreplaceable cultural monuments fell victims to the enemy's terror. Karlsruhe and Mannheim were also targets for British bomber attacks. In difficult defence conditions, 45 British bombers were shot down by our air defences."

STATISTICS

No. of aircraft missing.....	19 (3.0)
" " " damaged {flak.....13	}..... 32
" " " " {fighter..... 6	
" " " " {non-enc. action.....13	

Only 9 losses were observed, 4 to flak and 5 to fighters. Bombers were first shot down in combat S.W. of Saarbruecken on the way out, and near Calais, Lille, Brussels on the northern leg and Compiègne on the southern leg on the way home. Flak losses occurred at Saarbruecken (2), Mons and Dunkirk. One aircraft went down over the target, but the causes are unknown. One Lancaster was shot down by an intruder near Colchester and 2 others were irreparably damaged by fighters. 2 Halifaxes collided over enemy territory, but escaped with little damage.

...../MUNICH.

ANNEX

PLAN OF ATTACK

18. Route See route map.

19. Method of attack Red T.I. route markers were to be dropped at pos P (4615N. 0932E) - the marshalling point. The 1st. wave of aircraft was to fly from this point over the target and circle, when clear of the defences, to the N.W. of the target. From here, they were to come in to bomb, as ordered by Master Bomber. By this time, the \sqrt{P} would have been marked with red spot fires in the light of flares dropped by the flare force, and the red spot fires built up by more red spots and green T.I. The second wave were to fly from point 4805N. 1100E., and thence to the target if so instructed. If not, they were to carry out the same manoeuvres as the first wave. All aircraft were to be instructed by the Master Bomber. If cloud prevented visual marking, green T.I. were to be dropped blindly by Y-aircraft.

20. Timing Zero hour: 0115

1st. wave to arrive at datum point at z.
2nd. " " " " " " " z + 12

5 KC aircraft with each wave (from 1 Group)

21. Diversion 6 Lancasters were to carry out a point attack on Milan, dropping T.I. and flares only. For the benefit of this force, red T.I. route markers were to be dropped at Lake Ancoy.

SORTIES

22. No. of aircraft despatched.....
" " reporting attack on primary area.....
" " abortive sorties.....
" " aircraft missing.....

WEATHER EXPERIENCED

23. Beyond the front in N. France, cloud layers dispersed to small amount over the target. On return, most severe frontal conditions were encountered between 06-07⁰⁰Z., with heavy icing and static. Wind at target: 265⁰/45 m.p.h.

NIGHT PHOTOGRAPHIC STATISTICS

24. No. of aircraft plotted in target area (ground detail.....47).....
(fire-tracks.....53)
" " " " " off " " (ground detail.....47).....
(fire-tracks.....48)
" " aircraft estimated to have bombed in target area {max.....
{min.....
{mean.....
" " " " " " " within 3 miles {max.....
of \sqrt{P} . {min.....
{mean.....

NARRATIVE OF ATTACK

25. The attack opened on time, and the Master Bomber estimated that the bombs were within 100 yards of the \sqrt{P} . Bombing was concentrated, and a late reconnaissance aircraft reported a huge area of fires measuring 2x3 miles, with smoke to 18,000'.

BOGN...SS...DS

Photographs showed that the attack was all concentrated on the city centre to the S.E., mostly between the central passenger station and the river Isar. This area is mainly business and residential, and contains most of the important public buildings. Transport facilities suffered heavily, but comparatively little industrial damage was caused. 17 unworked industrial premises were hit, including priority factories. The most important of the buildings and public utilities were: severely, the central passenger station, the east station, the main bus station (all priority 2), the main post office, the town hall, the police station, Maximilian II barracks, Prinz Arnulf barracks, Residenz Museum (Party meeting place), Prinz Luitpold palace and Ludwig Fernand palace; and less seriously, Adolf Hitler barracks, Kraftfahr barracks, Haidhausen barracks and the exhibition buildings.

GROUND DEFENCES

Ground defences. Searchlights were intensely active at Munich. The searchlight guns fired a moderate to intense barrage to 15-22,000', with such accurate directed fire into the searchlight cones. En route, the most serious opposition was met over the searchlight belt extending from Munich to Augsburg, where accurate predicted heavy flak was fired.

Fighters. Very few fighters were seen, and only 1 attack was reported.

BY AIRCRAFT DESTROYED

1 Lancaster destroyed a Ju.35 near the target.

LOSSES

No. of aircraft missing.....	9 (3.5%)
" " " damaged (flak.....)	24
(fighters.....)	1
(non-combat.....)	2
(total.....)	27

4 aircraft were seen destroyed by flak - 3 over the target and one on the outskirts - and 3 by fighters over Munich, Ulm and Strasbourg. The cause of the other 2 losses is uncertain. 2 other aircraft were wrecked, one by flak and another in a taxiing accident.

DUSSELDORF

23 Mosquitos (4 Mk.I, 4 Mk.II and 23 non-OB02) were sent to Dusseldorf. Mk.II aircraft made successfully controlled runs, and the bombing was well concentrated round their markers. One aircraft jettisoned into the sea and her run was abortive because of engine failure. From this and all other auxiliary operations on this night, except special missions, all aircraft returned safely.

MILAN

6 Lancasters of 5 Group left to carry out a diversion on Milan, as laid out in paragraph 22. 5 completed their task, dropping flares and T.I. as directed. All proceeded safely to advanced bases.

CHARBLY

4 G-H Stirlings were detailed against the permanent way depot at Charbly. They attacked; and reconnaissance showed 7 craters 500 yards S. of the points and a building shop. Roof damage was caused to this shop and to a large unidentified shed further S. A Gantry crane on the east end of the latter building was damaged by a direct hit, and a bomb fell among the rail lines in the stores yards. No opposition was met.

MINELAYING

34. 16 Halifaxes, out of a force of 18 from 6 Group, laid 32 mines off French Channel ports and the Frisians.

FIGHTER OPERATIONS

35. 29 Mosquitos of 100 Group set out on patrols, 21 STAFFERS and 8 Int. No enemy aircraft were engaged. 31 other Mosquitos were despatched on in patrols by A.D.G.B. and 2 Group. Most of them were abortive because of cloud over the Continent, but 6 attacked airfields at Trier, Dole, Mandorf, Juvincourt, Volkel and Metz, and one destroyed a Ju.88 in combat. All returned safely.

SPECIAL OPERATIONS

36. 18 Halifaxes, Wellingtons and Mosquitos left on special sorties over Continent. One Halifax did not return. 5 U.S. Portresses patrolled the main bomber force to Karlsruhe; all returned safely.

DIVERSIONARY SWEEP

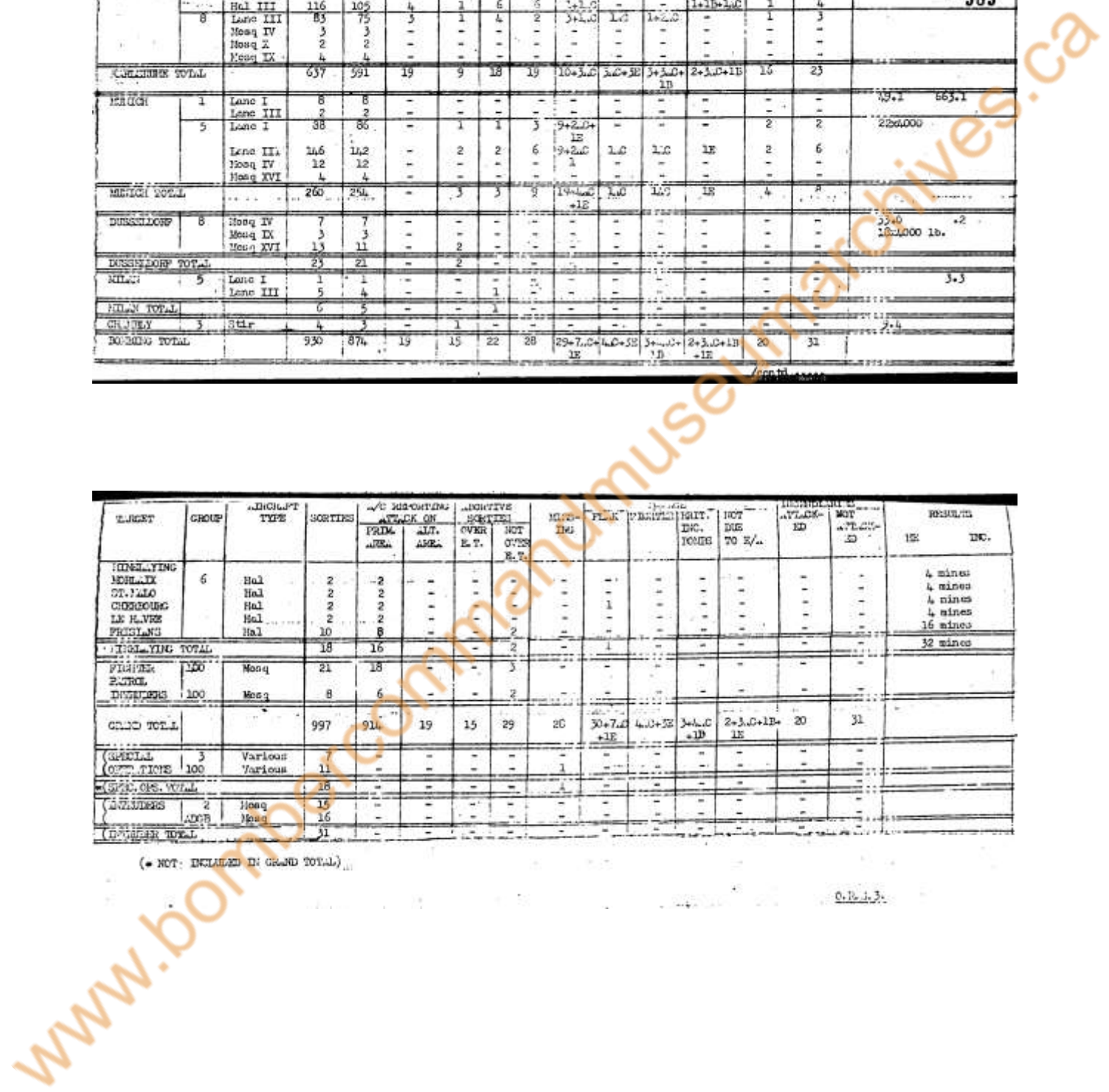
37. 165 aircraft from Operational and Training Groups carried out a diversionary sweep over the North sea to 54.07. 0630E. 2 Wellingtons of Group were lost.

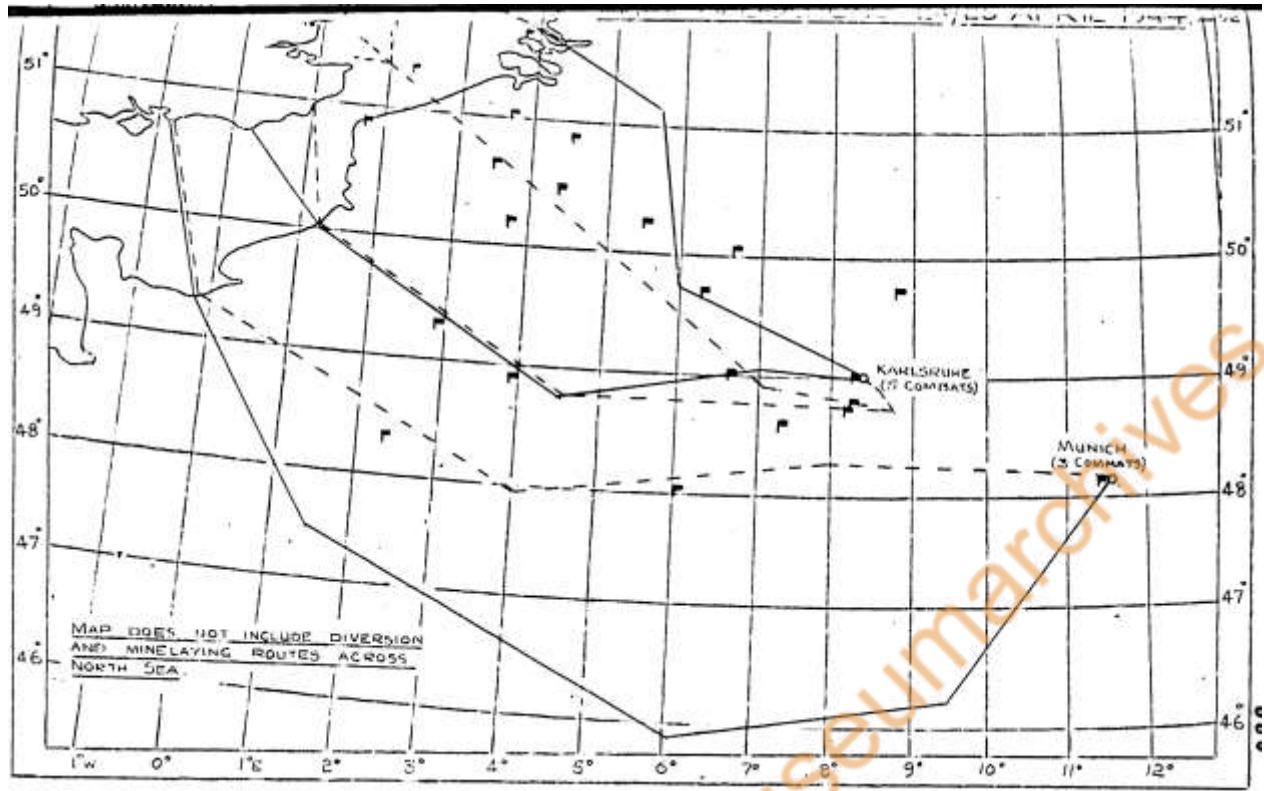
HLM/JT.
EC/S. 26342/2/GRS4,
20th. July, 1944.

LOCALITY	GROUP	SHELF TYPE	SORTIES	DIRECTIONAL ATTACK ON				MINE-INS	FLAK	UNRECORDED	BRIT. INC. COMB.	NOT DUE TO E/A	REMARKS	NOT ATTACKED	NOT ATTACKED	RESULTS	
				PRIM. AREA	ALT. AREA	OVER E.T.	NOT OVER E.T.									HE	INC.
KARLSRUHE	1	Lane I	59	57	1	-	1	1	2+1.C	-	-	-	1	1	1500.8	1076.4	
		Lane III	120	110	6	2	2	5	2	2E	1D	1AC	1	3			
	3	Lane I	41	39	-	1	1	2	-	-	-	-	1	2	25000000		
		Lane II	24	21	2	-	1	1	-	-	1.C	-	-	2	2	1500000	
	4	Lane III	21	21	-	-	-	-	-	1.C	-	-	2	2			
		Hal III	143	134	3	3	3	2	2	2E+1.C	1	1+1.C	7	6			
	6	Lane II	21	20	-	1	-	-	-	-	-	-	-	-			
		Hal III	116	105	4	1	6	6	3+1.C	-	-	1+2E+1.C	1	4		589	
8	Lane III	83	75	3	1	4	2	3+1.C	1.C	1+2.C	-	1	3				
	Msg IV	3	3	-	-	-	-	-	-	-	-	-	-				
	Msg X	2	2	-	-	-	-	-	-	-	-	-	-				
		4	4	-	-	-	-	-	-	-	-	-	-				
KARLSRUHE TOTAL			637	591	19	9	18	19	10+3.C	3.C+2E	3+1.C+1D	2+1.C+1E	10	23			
MIRCHI	1	Lane I	8	8	-	-	-	-	-	-	-	-	-	-	19.1	663.1	
		Lane III	2	2	-	-	-	-	-	-	-	-	-	-			
	5	Lane I	38	36	-	1	1	3	9+2.C+1E	-	-	-	2	2	2200000		
		Lane III	146	142	-	2	2	6	9+2.C	1.C	1.C	1E	2	6			
	Msg IV	12	12	-	-	-	-	1	-	-	-	-	-				
	Msg XVI	4	4	-	-	-	-	-	-	-	-	-	-				
MIRCHI TOTAL			260	254	-	3	3	2	19+2.C+1E	1.C	1.C	1E	4	8			
DUNSCLOFF	8	Msg IV	7	7	-	-	-	-	-	-	-	-	-	-	33.0	.2	
		Msg IX	3	3	-	-	-	-	-	-	-	-	-	-			
		Msg XVI	13	11	-	2	-	-	-	-	-	-	-	-	100000 lb.		
DUNSCLOFF TOTAL			23	21	-	2	-	-	-	-	-	-	-				
MILAN	5	Lane I	1	1	-	-	-	-	-	-	-	-	-	-		3.3	
		Lane III	5	4	-	-	1	-	-	-	-	-	-	-			
MILAN TOTAL			6	5	-	-	1	-	-	-	-	-	-				
CHURCH	3	Str	4	3	-	1	-	-	-	-	-	-	-		3.4		
BOURBON TOTAL			930	874	19	15	22	28	29+7.C+1.C+5E	4.C+5E	3+1.C+1D	2+1.C+1E	20	31			

TARGET	GROUP	SHELF TYPE	SORTIES	DIRECTIONAL ATTACK ON				MINE-INS	FLAK	UNRECORDED	BRIT. INC. COMB.	NOT DUE TO E/A	REMARKS	NOT ATTACKED	NOT ATTACKED	RESULTS	
				PRIM. AREA	ALT. AREA	OVER E.T.	NOT OVER E.T.									HE	INC.
HINDLYING	6	Hal	2	2	-	-	-	-	-	-	-	-	-	-	4 mines		
		ST. YLLO	2	2	-	-	-	-	-	-	-	-	-	-	4 mines		
		CHORROUC	2	2	-	-	-	-	1	-	-	-	-	-	4 mines		
		LE H. VRE	2	2	-	-	-	-	-	-	-	-	-	-	4 mines		
		FRIGLANS	10	8	-	-	2	-	-	-	-	-	-	-	16 mines		
HINDLYING TOTAL			18	16	-	2	-	1	-	-	-	-	-	32 mines			
FRIGLANS	100	Msg	21	18	-	3	-	-	-	-	-	-	-				
DUNSCLOFF	100	Msg	8	6	-	2	-	-	-	-	-	-	-				
GRAND TOTAL			997	914	19	15	29	28	30+7.C+1E	4.C+5E	3+1.C+1D	2+1.C+1E	20	31			
(SHELL)	3	Various	7	-	-	-	-	-	-	-	-	-	-				
(OPT. OPS)	100	Various	11	-	-	-	1	-	-	-	-	-	-				
(SPEC. OPS. TOTAL)			18	-	-	-	1	-	-	-	-	-	-				
(SHIVERS)	2	Msg	15	-	-	-	-	-	-	-	-	-	-				
(ADDS)	100	Msg	16	-	-	-	-	-	-	-	-	-	-				
(DUNSCLOFF TOTAL)			31	-	-	-	-	-	-	-	-	-	-				

(* NOT INCLUDED IN GRAND TOTAL)





www.bombercommandmuseumarchives.ca

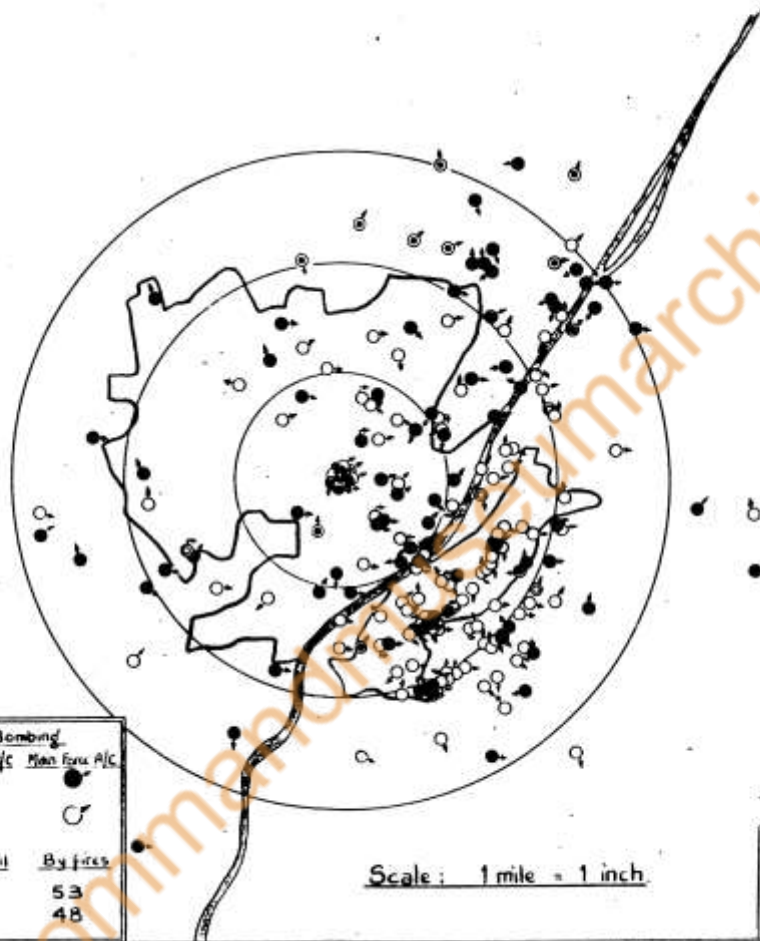
FINAL PLOT OF NIGHT PHOTOGRAPHS.

TAKEN **24/25** APRIL 1944.

TARGET: **MUNICH**

591

SECRET



1 G/D plot is outside the area of this map.

Photographs taken with Bombing		
	PFF marker A/C	Man from A/C
Plotted by ground detail	●	●
Plotted by fires.	○	○
Plotted	By ground detail	By fires
Within target area	47	53
Outside target area	47	48

Scale: 1 mile = 1 inch

DRS/BC 450B
13644 JZ
Ref 526 Ckd-18

www.bombercommand.com archives.ca

BOMBER COMMAND REPORT ON NIGHT OPERATIONS25/26th. APRIL, 1944.Cologne: Minelaying: Leaflets: etc:BY

Cologne 3 Mk.II and 1 Mk.I Mosquitos were despatched against Cologne. II attacked on OBOE and the Mk.I on D.R. The fourth aircraft abandoned task because of OBOE failure. From this and all other operations on this night, all aircraft returned safely.

Minelaying 25 Stirlings were detailed to lay mines off the northern and western coasts of France. 22 completed their task, laying 100 mines.

Leaflets 9 Wellingtons scattered leaflets over Northern France without incident.

Met. Recon. One Mosquito of 8 Group completed a weather reconnaissance

W. FORECAST

Bases:- Fit all night, with little cloud and moderate visibility.

Germany:- Convection cloud will decrease southwards, becoming nil beyond the Rhine. Threat of strato-cumulus in Schweinfurt area.

France:- Fine. Moderate to good visibility.

RESULTS

No. of aircraft despatched.....	39
" " reporting attack on period area.....	35
" " abortive sorties.....	4
" " aircraft missing.....	0

W. EXPERIENCED

Bases:- Fit.

Cologne:- Variable amounts of thin strato-cumulus, tops 8,000'.

French ports:- Little or no cloud. Good visibility.

DEFENSES

No fighters were seen, although the controllers plotted our leaflet drops in the Caen and Cherbourg areas. Few searchlights exposed at Cologne, although the heavy flak was somewhat accurate.

LOSSES

No aircraft was lost. 2 Mosquitos were slightly damaged by flak over

342/5/011,
August, 1944.

Locality	Group	Type	Quantity	Altitude (ft)		Position		Dist.	Miles	Direction	No. of D.C. Mines	No. of D.P. Mines	No. of D.E. Mines	Total		
				PRE-AREA	ALT. AREA	OVER E.T.	OFF E.V.							Inc.	Inc.	
COLOGNE	8	Group XVI	4	3	-	1	-	-	2	-	-	-	-	-	-	2,000 lbs.
ST. NIZIER	3	Stir.	2	2	-	-	-	-	-	-	-	-	-	-	-	100 mines
ST. NIZIER		Stir.	6	5	-	-	1	-	-	-	-	-	-	-	-	
ST. NIZIER		Stir.	6	6	-	-	-	-	-	-	-	-	-	-	-	
ST. NIZIER		Stir.	6	5	-	-	1	-	-	-	-	-	-	-	-	
MORLAIX		Stir.	2	1	-	-	1	-	-	-	-	-	-	-	-	
CHERBOURG		Stir.	2	2	-	-	-	-	-	-	-	-	-	-	-	
ST. NIZIER		Stir.	1	1	-	-	-	-	-	-	-	-	-	-	-	
ST. NIZIER	91	Well III	5	5	-	-	-	-	-	-	-	-	-	-	-	-
ST. NIZIER	92	Well III	4	4	-	-	-	-	-	-	-	-	-	-	-	-
ST. NIZIER	93	Well III	9	9	-	-	-	-	-	-	-	-	-	-	-	-
ST. NIZIER	94	Well III	1	1	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL			39	39	-	1	3	-	2	-	-	-	-	-	-	-

LOCATIONS: - PARIS: VERMOREL: REVEN: ST. NIZIER: CHERBOURG

C.R.S. 3.

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BOMBER COMMAND REPORT ON NIGHT OPERATIONS

26/27th APRIL, 1944

ESSEN : SCHWEINFURT : VILLENEUVE ST. GEORGE : Hamburg : Chambly, etc.

For the fifth time within 9 nights, Bomber Command despatched over 2,000 aircraft. Essen and Schweinfurt were the main targets. Krupp's works, which had previously been heavily attacked a month previously, received a most concentrated raid from Mosquitos and Halifaxes. 226 aircraft, mostly Lancasters, visited Schweinfurt, but bombing became centred just S. of the small target area, because of a head wind. Useful damage was, however, caused, and all the big 5 ball-bearing plants were hit. Only 7 of the Essen force were lost; but 21 aircraft did not return from Schweinfurt.

Over 200 Halifaxes and Lancasters visited the marshalling yards at Villeneuve St. George, in the Paris area, before the moon was down. They caused great destruction among rolling stock, trucks and railway buildings. Other bombers went to Essen and Hamburg, and carried out minelaying and leaflet operations. Intruders were shot down at enemy airfields, and destroyed at least 5 fighters in combat. From these operations, one bomber and 3 fighters did not return; a total of 32 aircraft from the night's operations.

FORECAST

Essen:- Fit. Little cloud.

Paris:- Broken medium and strato-cumulus. Essen: Little low cloud, small thin medium cloud at 15,000 ft. Schweinfurt: 6-8/10ths thin alto-cumulus 10,000 ft.

France:- Fine. No cloud at Paris.

ESSENATTACK

Method of attack: OBOE groundmarking. Mosquitos were to mark the A/P with red and skymarker flares (red with yellow stars). Visual centers were to aim at the centre of reds of previous groups, with a 1-second overshoot. If no reds were visible, they were to retain their own markers. Supporters and main force were to aim at reds, the centre of greens or the centre of skymarkers - depending on a heading of 182°E., main force on 190°E. Supporters might bomb Essen, if their E2S was in order.

Timing: Zero hour : 0020
Duration of attack : 0155-0220

8 Mosq. from H-5 to H+3
5 vis. can. from H to H+11
10 Supporters at H-1
15 " " at H+7
17 main force from H to H+3
12 " " " H+3 to H+3 to H+6
15 " " " H+6 to H+9
13 " " " H+9 to H+12
9 ADC aircraft throughout the attack.

SCHEDULE

ATTACK

A datum point at 4956N 0943E was to be marked with yellow T.I. at H-4. 23N 0925E., half the force (carrying 30 lb. incendiaries) and the marking crew to proceed direct to the target, the other half approaching downwind to north 20 minutes after the first force had attacked. The first force pass over the target, turn to port when ordered on at H-15 (whichever was first), and approach the target downwind. By this time, the A/P would have been marked with a red spot fire, backed up by 24 more. But if this red spot was not properly positioned, a new A/P would be marked with a green spot fire, backed up by 24 red spot fires. If the green was hard to see among the reds, the Master was to order the markers to drop more green spot fires or cascading green over the A/P. If cloud prevented visual marking, the A/P was to be marked with green S.I. cascading from 10,000 ft. H = 0200 (when the first force pass over the target).

3.

No. of aircraft despatched	226
No. of aircraft reporting attack on primary area	215 (95.1%)
No. of aircraft reporting attack on alternative area	2 (0.9%)
No. of abortive sorties	9 (4.0%)
No. of aircraft missing	21 (9.3%)

REFERENCE

No cloud. Moderate visibility. New moon, setting at 0130 hours.

PHOTOGRAPHIC STATISTICS

No. of aircraft plotted in target area (ground detail ... 9)	}..... 18
(fire tracks 5)	
" " " " " off " " (ground detail ... 27)	}..... 112
(fire tracks 35)	
" " " estimated to have bombed in target area	27
" " " " " " " within 3 miles of A/P ...	191

LINE OF ATTACK

Owing to a head wind of 45 m.p.h., the flares were late and scattered. The spot fires fell S. of the River, and were followed by others still further to mark. The Master Bomber made every effort to redeem the situation, by directing aircraft to cover both the green marking, but he was poorly received, and took became concentrated S. of the target area.

ORIGINS

Despite the displacement of the attack, useful damage was caused in the S.I. plant, involving the marshalling yards and 4 of the ball-bearing factories. The ball-bearing plant, in the centre of the town, was also hit. Several houses of residential damage occurred in the built-up areas.

DEFENCES

Ground Defences 40-60 searchlights operated ineffectively. Heavy flak was fired at 15-21,000 ft., with medium light flak to 6-8,000 ft. Marker aircraft were undamaged between 4,000 ft. and 5,000 ft. over the target. More accurate searchlight direction was met on route between Troyes and Strasbourg.

Fighters Fighter opposition was stronger than the figure of only 4 attacks suggest. Most of the combats took place on the long easterly log into the town which was identified in time for the fighters to arrive there before the

/second force

second force. They probably claimed 14 victims, making a total of 18 attack; a large figure for a force of 226 aircraft. One F.190 was destroyed near St. Die on the way out.

CASUALTIES

23. 21 aircraft (9.3) were lost. 7 fell to flak, 3 between Troyes and Stras 2 at Karlsruhe and 2 at Schweinfurt. 3 are known to have been destroyed in comb 6 on the long easterly leg, one just after leaving the target and one near Paris 6 more probably went down near the target. There were no landing or taxiing acc

VILLENEUVE ST. GEORGE

PLAN OF ATTACK

24. Method of attack 0303 groundmarking on both A/Ps, under the directions Master Bomber. The S. A/P was to be marked first, and the N. 30 minutes later. each instance, 4 Mosquitos were to drop yellow, green and red T.I. and red spot illuminators were to drop flares and bombs at the T.I. The Master Bomber and his deputy were to direct the bombing and drop other markers if necessary. If the M had dropped no T.I. by zero hour, the Master Bomber was to release white T.I. The main force were to be directed by the Master Bomber.

25. Timing Zero hour : S. A/P : 0005
 H. A/P : 0035

Duration of Attack : S. A/P : 2359-0015
 H. A/P : 0029-0045

4 Mosq. @ H-6, -4, -2, and -1
Master Bomber }
Deputy @ H-5
Illuminators 6 @ H-5
 2 @ H-2
Main Force 29 @ H to H+4
 32 @ H+4 to H+7
 29 @ H+7 to H+10

The same timing was to be followed for both A/Ps.

SORTIES

26. No. of aircraft despatched 217
 No. of aircraft reporting attack on target 202 (9)
 No. of abortive sorties 15
 No. of aircraft missing; 1 (

WEATHER EXPERIENCED

27. Cloudless over target and whole route. New moon.

NARRATIVE OF ATTACK

28. The markers dropped by the Mosquitos fell N.W. of the S. A/P, and the Master Bomber instructed main force crews to wait until flares had been dropped, whereupon he dropped accurate white T.I. The bombing was well concentrated round this. At the second attack, the Master Bomber could not be heard, probably because of jam and the bombing was divided between the 2 sets of groundmarkers.

DAY RECONNAISSANCE

29. The main weight of the attack fell on the southern end of the yards. Ext damage was caused to wagon construction shops, carriage workshops, rolling stock railroad tracks. One direct hit was scored on a train at the end of a bridge. damage was caused to residential property S.W. of the target.

/ENEMY DEFENCES

PERCES

Very few fighters were seen, even in the Paris area. One attack and one combat occurred, in one of which a H.109 was damaged. A third combat took place over 2 Halifaxes, without serious consequence. Flak opposition was

LES

One aircraft was lost. It was seen to blow up over the target, but the cause was unknown. No returning aircraft was badly damaged, except one Halifax which was damaged by a crosswind on a small airfield.

CHAMBLY

10 G-III Stirlings were sent against the permanent way depot at Chambly, but were turned back early because no signals could be received. No incidents were reported.

HAMBURG

16 Mosquitos carried out a diversionary attack on Hamburg. The positions of the aircraft were well placed, and the bombing was concentrated round them. A flare was stated. Many fighter flares were seen, but there were no interceptions. No aircraft was lost.

MINELAYING

12 Stirlings and Halifaxes were detailed to lay mines off the Frisian and Dutch coast. 16 completed their task, laying 49 mines. All returned safely.

RECONNAISSANCE

11 Whitleys and Wellingtons scattered leaflets over Northern and Central Europe without incident.

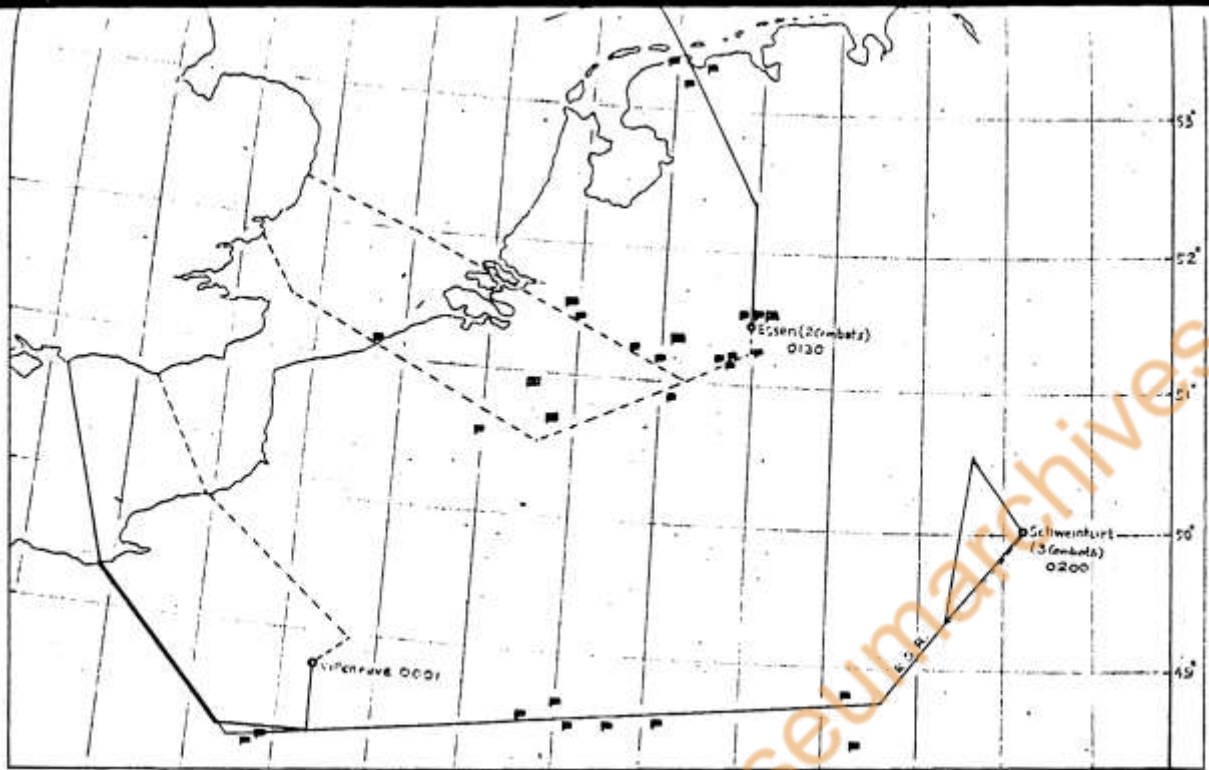
FIGHTER OPERATIONS

10 Mosquitos of 100 Group were sent on TERRACE patrols. They destroyed one aircraft for the loss of one aircraft themselves. 48 other Mosquitos from 2 and 100 Groups and A.S.C. left on intruder patrols. Airfields in occupied territory were bombed, and 4 (probably 7) enemy aircraft were destroyed in combat. 2 of these were lost. One Mosquito of 8 Group completed a weather reconnaissance mission.

SPECIAL OPERATIONS

12 aircraft were despatched on special operations. All returned safely.

12/4/ORS4
at, 1944



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FINAL PLOT OF NIGHT PHOTOGRAPHS

TAKEN 26/27th APRIL 1944 TARGET **ESSEN**

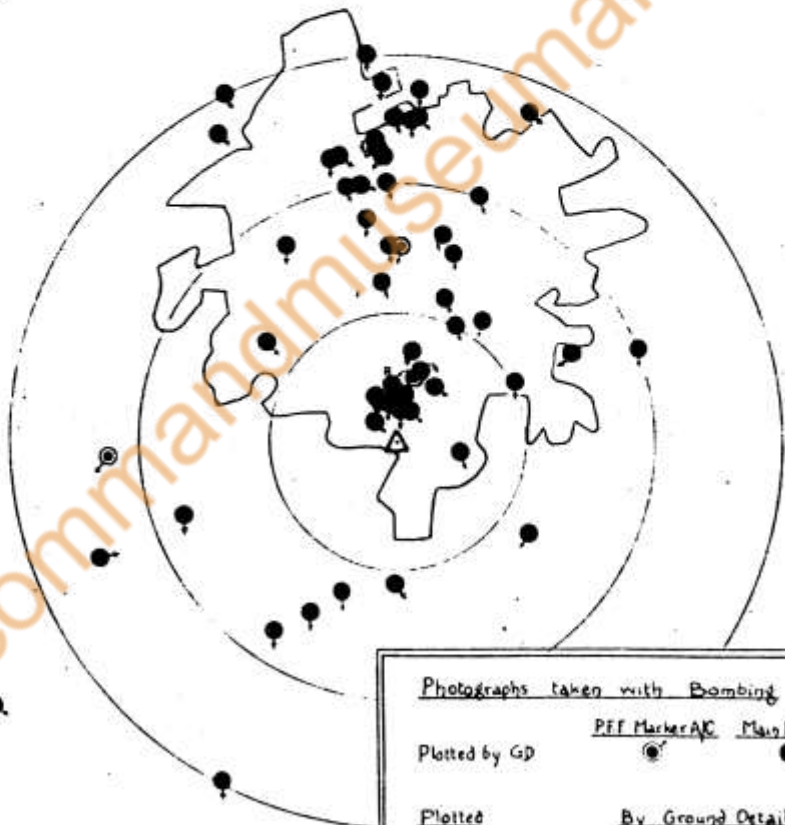
SECRET



NB GD. Sample only

630

1 aircraft plotted outside the area covered by this map



ORS BC 497A
Date 27/6/44 Target ESS
Ref. NR 588 Ch. 3

Scale: 1 inch = 1 mile

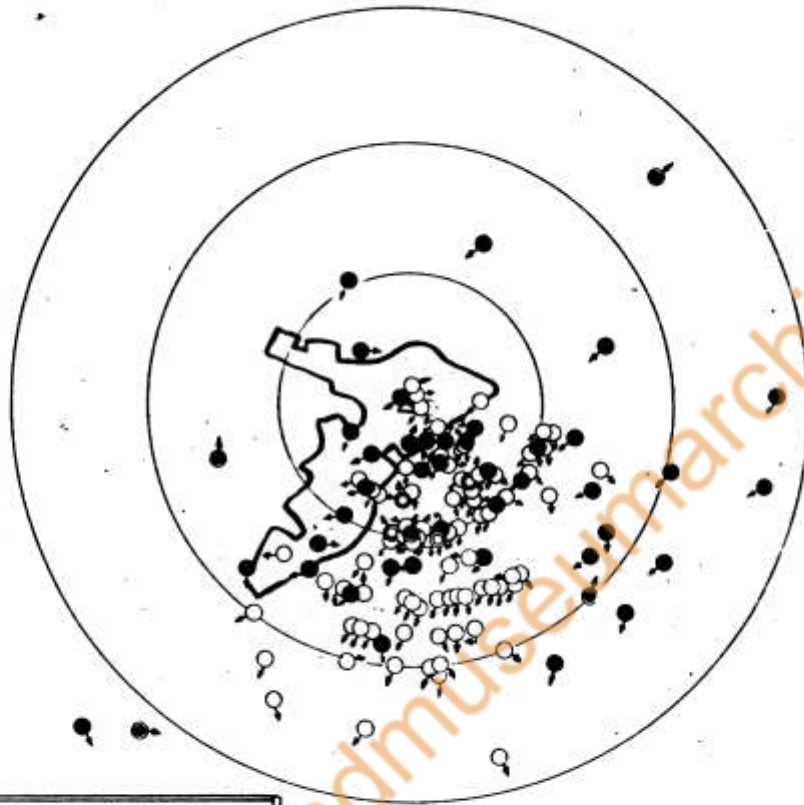
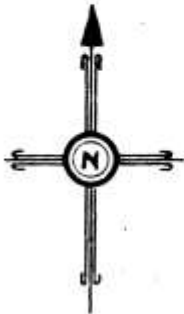
Photographs taken with Bombing		
	PFF Marker AC	Main Force AC
Plotted by GD	●	●
Plotted		By Ground Detail
Within target area	37	
Outside target area	26	

FINAL PLOT OF NIGHT PHOTOGRAPHS 599

TAKEN 26/27 APRIL 1944.

TARGET: SCHWEINFURT.

SECRET



Photographs taken with Bombing			
	PFF marker A/c		Main force A/c
Plotted by G/D	●	●	●
Plotted by fires	○	○	○
Plotted	By ground detail		By fires
Within target area	9	9	9
Outside target area	27	85	85

Scale: 1 inch = 1 mile

ORS/BC 456B
18644 J7
Ref 5:36 Old 10

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

27/28th. APRIL, 1944.

FRIEDRICHSHAFEN: AULNOYE: MONTZEN: Stuttgart: Mindelaying: etc.

323 Lancasters were sent to Friedrichshafen. They delivered a highly coordinated attack in clear weather, causing great damage to the 6 most important factories in the town and devastating over two-thirds of the built-up area. The bombers took 2 separate routes, and the losses - 18 aircraft - were relatively light for so deep a penetration.

Strong forces of bombers also attacked the marshalling yards at Montzen, Aachen, and Aulnoye. Both targets were severely hit. Mosquitos carried out a faint attack on Stuttgart, and attacked airfields in France and the Low Countries. Other aircraft laid mines, and carried out fighter patrols, special operations and a diversionary sweep over the North Sea. From these operations, 6 German fighters did not return. 6 German fighters were destroyed.

FORECAST

Bases:- Frontal layer cloud will move southwards over bases during the night, clearing them soon after midnight, and leaving clear skies and good visibility.

Germany:- Much medium cloud and strato-cumulus in N., breaking and clearing southwards to small amounts. Friedrichshafen: less than 4/10ths.

France:- Fine. Moderate visibility. Broken strato-cumulus will become frequent towards 0300 hours in N.

FRIEDRICHSHAFENATTACK

Method of attack. Blind marker illuminators were to mark the A/P with T.I. and white illuminating flares, if the weather was suitable for a night. Otherwise, they were to hold their white flares and drop sky-markers (with yellow stars) with their T.I. Primary visual markers were to mark the A/P with mixed red and green T.I. If unable to identify visually, they were to bomb blindly or with the main force. Blind recentrers were to hold sky-markers, if a NIGHTWING was in progress, and bomb on the centre of T.I. If not, they were to drop sky-markers blindly. Visual recentrers were to aim at the centre of the mixed salvos, or at the centre of all T.I., in any instance, with a 2-second overshoot. If there was cloud, they were to drop sky-markers and bomb blindly or as the main force. Main force crews were to aim at the mixed salvos, or at the centre of reds. If no T.I. were visible, they were to aim at the centre of sky-markers on a heading of 118°. A Master Bomber was to direct the visual recentrers and the main force.

thirds of the last-named works were destroyed, and all the others in like degree. The town itself, although sparsely built-up, was 67% destroyed, including damage caused in previous raids. The harbour station and passenger station were both hit; and the Secours seaplane station completely destroyed. The goods station, the main gasworks, the harbour coal depot, the railway repair shops, several hatted camps and numerous buildings of military importance were seriously damaged.

DEFENCES

Ground defences 30-40 searchlights operated effectively at first, but went away as the attack progressed. The light guns hosed into the light cones, while the heavy guns fired a loose barrage at varying heights, 1000'. No flak was met en route except at Strasbourg, Rouen and Nancy.

Fighters The bombers took 2 separate routes, diverging S. of Paris and heading well south, but threatening to converge on headings N.E. and E.N.E., from Stuttgart, on which 24 Mosquitos carried out a spoof attack. 100 miles S. of Stuttgart, the Lancasters turned S.W. and proceeded direct to Kehlhafen. They returned by 2 separate routes, keeping as far south as possible. Some aircraft were reported over Switzerland. Meanwhile, forces were moving towards Montau and Mulhous, and a bullseye exercise was carried out over the North Sea. The enemy controllers were thoroughly puzzled. The Lancasters turned S.W. below Stuttgart, when they were quick to identify Friedrichshafen as the main target, making it soon after the first 11. Fighter opposition was fairly intense over the target, but weak on home. No fighters were claimed as destroyed.

AMERICAN

"Last night British bombers made terror raids on W. and S.W. German cities, particularly the town of Friedrichshafen. Damage was caused in industrial districts, and the population suffered losses. The air defences destroyed 147 four-engine terror bombers in these raids."

LOSSES

18 aircraft (5.6) were lost. 3 were seen to go down in combat and 5 others may have landed or crashed in Switzerland. Fighter losses were at Epinal (2), S. of Strasbourg, target area (3) and at Belfort and in the way home. Flak losses were observed at Strasbourg, Mulhouse, Kehlhafen (2) and N. of Basle. No returning aircraft was badly damaged.

MONTAUBAN

METHOD

Method of attack COME groundmarking under the direction of a Master. 4 Mosquitos were to drop yellow and green T.I., and red spot flares. Masters were to aim flares and bombs at the T.I.; if none were visible, they were to drop their flares blindly; orbit and bomb on a second run. The Master or his deputy was to direct the bombing, and drop smoke markers if necessary, for identification. Main force crews were to bomb as ordered by the Master.

Rising Zero hour: 0130
Duration of attack: 0124 - 0140

+ Mosquitos	④ H - 6 to H - 1
(Master Bomber)	④ H - 5
Deputy	
illuminators	④ H - 5
"	④ H + 2
Main force.	43 ④ H to H + 4

SORTIES

18.	No. of aircraft despatched.....	144
	" " " reporting attack on primary area.....	135(93.9%)
	" " abortive sorties.....	9(6.2%)
	" " aircraft missing.....	15(10.4%)

WEATHER EXPERIENCED

19. Strato-cumulus gradually increased from nil over the North Sea to 10/10 thin cloud at 4-5,000' over the target. Carrus at 27-29,000'. Wind at 18, 340°/35 m.p.h.

NARRATIVE OF ATTACK

20. All 4 Mosquitos marked before zero. The Master Bomber ordered his deputy to back up with white T.I. on the centre of the greens. The deputy undershot, so the Master Bomber backed up the greens himself very accurately. The deputy then dropped more whites on this concentration, and the main force directed on to the whites. The Master Bomber dropped more whites towards the end of the attack. His instructions were clearly received. There was no undershooting by the main force.

DAY RECONNAISSANCE

21. Damage was mostly confined to the eastern half of the yards, which includes the reception and storage sidings, engine sheds, customs sheds and depot. All were severely damaged. Tracks and rolling stock in this area seriously affected.

ENEMY DEFENCES

22. Very little Flak was encountered. The first wave of bombers reached the target without fighter opposition, but later waves were attacked as they crossed Holland and Belgium. The first part of the return route was free of opposition, but several encounters occurred from St. Trond to half way across North Sea. A Halifax destroyed a Ju. 8C.

CASUALTIES

23. 15 aircraft (10.4%) were lost, nearly all to fighters. Only one was destroyed by flak, S. of Liege. Fighter losses were reported as follows: between Asch and Maastricht, 3 over the target, 3 between St. Trond and E. of Antwerp and one over the Dutch coast.

AUXILIARY

PLAN OF ATTACK

24. Method of attack As per Montzer, on 2 A/P's.

25. Timing Zero hour: 0200 on S. A/P.
0300 on N. A/P.

The same timing was to be followed for both A/P's.

Duration of attack: H - 6 to H + 10

4 Mosquitos.	⊙ H - 6 to H - 1
Master Bomber	} ⊙ H - 5
Deputy	
4 illuminators.	⊙ H - 5
2 "	⊙ H + 2
Main force.	90 ⊙ H to H + 10 on S. A/P.
	35 ⊙ H to H + 4 on N. A/P.
	34 ⊙ H + 4 to H + 7 "
	36 ⊙ H + 7 to H + 10 "

...../SORTIES.

No. of aircraft despatched.....	223
" " " reporting attack on primary area.....	213 (95.5%)
" " abortive sorties.....	10 (4.5%)
" " aircraft missing.....	1 (0.5%)

EXPERIENCE

No cloud at target. Heavy Cirrus en route at 24-27,000'. Wind at 330°/35 m.p.h.

DE. OF ATTACK

All Mosquitos attacked in both phases, fairly punctually. On the northern A/P, aircraft were instructed to bomb between the red and green T.I. star Bomber was clearly heard.

RECONNAISSANCE

The attack was shown to have been well concentrated in the sorting sidings, where damage was very great. All the 32 tracks here were out, and 10 hits were scored on the through lines in the N.W. of the yard. In the railway property S.W. of the sorting sidings, 2 large gasholders and 2 buildings were completely destroyed. The branch lines running to the live depot were out in several places. The locomotive depot and railway works were also hit. Residential property around the target suffered.

COMBATS

The first wave saw no enemy aircraft before reaching the target, and even no combats developed. The second wave reported a few combats on the en route in the Dieppe area. Flak opposition was negligible.

LOSSES

1 aircraft (0.5%) was lost. It was seen to go down near the target, the cause is not known.

STUTTART

24 Mosquitos carried out a point attack on Stuttgart, as instructed. The 5 Mosquito aircraft dropped bombs on H23; they fell in a tight group, and the bombing was well centred on them. 9 aircraft proceeded to drop WINDOW in the Friedrichshafen area. All returned undamaged.

MINELAYING

6 Halifaxes each laid 2 mines off the Brest and Cherbourg peninsulas in the incident.

FIGHER OPERATIONS

15 Mosquitos of 100 Group were sent on SERPENT patrols. 6 others, with a craft of 2 Group and 16 of A.D.C.F., attacked enemy airfields and patrolled inland as Munich, Nuremberg, Augsburg and Schweinfurt, as well as the Channel territory. 100 Group claimed to have destroyed 3 Me.110's and 1 Ju.88. A.C.F. shot down a Me. 117 off Dieppe. One SERPENT Mosquito was lost. A Mosquito of 8 Group carried out a weather reconnaissance flight without incident.

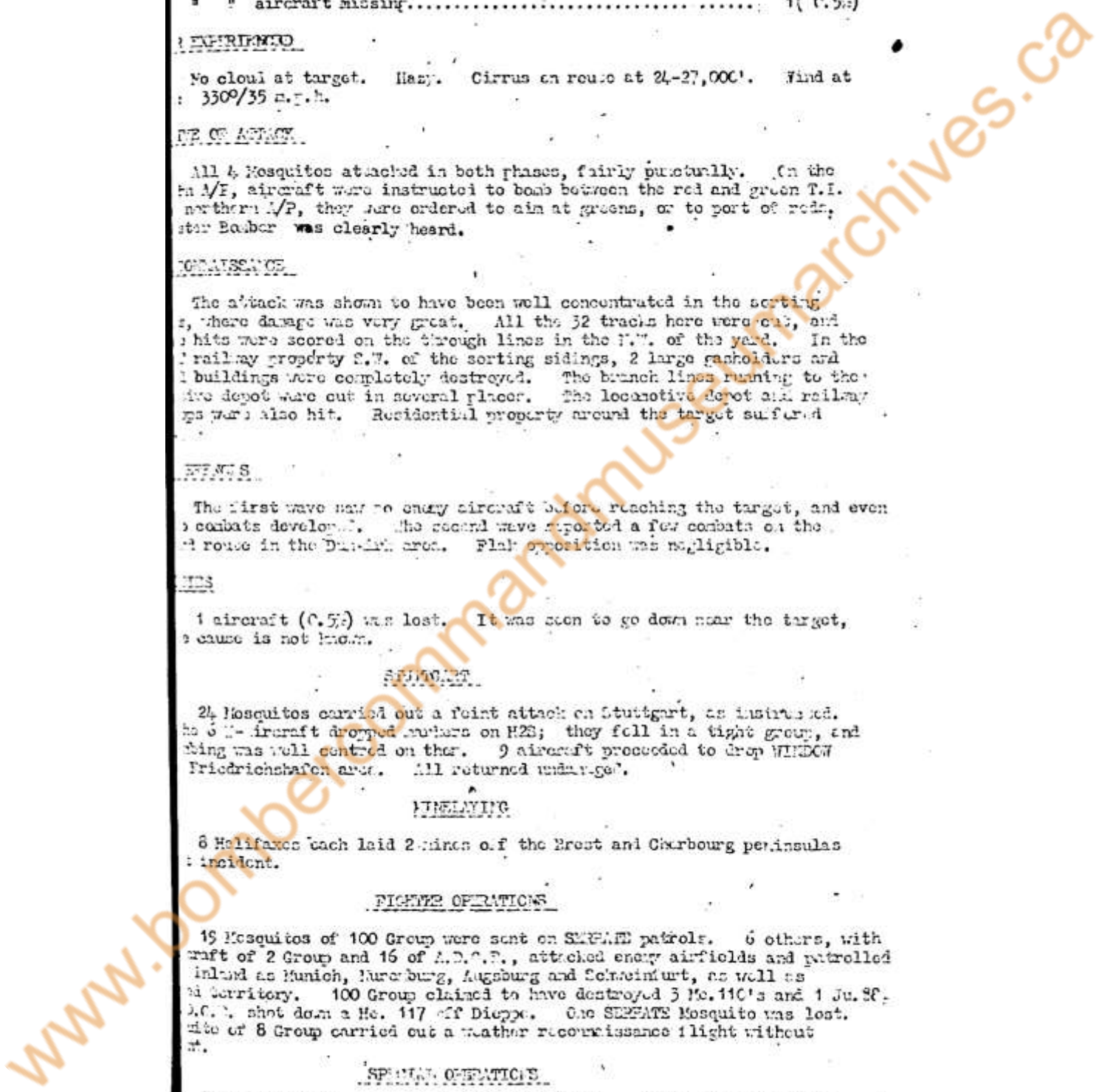
SPECIAL OPERATIONS

55 aircraft carried out special operations. One Halifax was lost.

DIVERSIONARY SWEEP

159 aircraft made a diversionary sweep over the North Sea without loss.

12/2/1944
1944



GROUP	TYPE	COUNT	REPORTING		POSITIVE		TOTAL	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	
			REPT.	POS.	REPT.	POS.													REPT.
POWERS	Hal. III	74	74	-	3	-	4	-	3+1.0	-	-	-	-	-	-	-	-	404.6	3.1
	Lanc. I	8	7	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Hal. III	29	24	-	-	-	7	-	1.0	-	1B	-	-	-	-	-	-	-	-
	Hal.	21	21	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
	Lanc. III	8	8	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
SIMPSON	Hal. III	75	75	-	-	-	2	-	-	-	1B	-	-	-	-	-	-	926.6	4.0
	Hal.	26	26	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Hal. III	83	82	-	-	-	1	-	2+1.0	1	-	-	-	-	-	-	-	-	-
	Hal.	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lanc. III	16	15	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
SIMPSON TOTAL	Hal. III	223	213	-	-	-	7	3	3+1.0	1	-	1B	-	-	-	-	-	532.5	519.9
	Lanc. I	54	54	-	-	-	3	5	1.0	1	1.0	-	-	-	-	-	-	-	-
	Lanc. III	108	105	-	-	-	1	3	5	5	1+1.0	1.0	-	-	-	-	-	2x8000lbs.	-
	Lanc. I	38	36	-	-	-	1	1	3	3	1.0	1	-	-	-	-	-	170x4000lbs.	-
	Lanc. II	25	25	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-
PATERICKS	Lanc. III	19	19	-	-	-	-	2	2	-	1	-	-	-	-	-	-	-	-
	Lanc. II	19	19	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-
	Lanc. I	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal. III	59	57	-	-	-	1	1	3	1	1.0	2.0	-	-	-	-	-	29.2	1.3
	Hal. III	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STURGEON	Hal. III	323	311	-	-	-	3	7	10	12	1.0	4x1.0	2.0	1B	-	-	-	-	-
	Hal. III	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal. III	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal. III	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal. III	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STURGEON TOTAL	Hal. III	26	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal. III	714	683	-	-	-	17	12	31	15+1.0	3+1.0	4+1.0	2.0+2B	2B	-	-	-	-	-

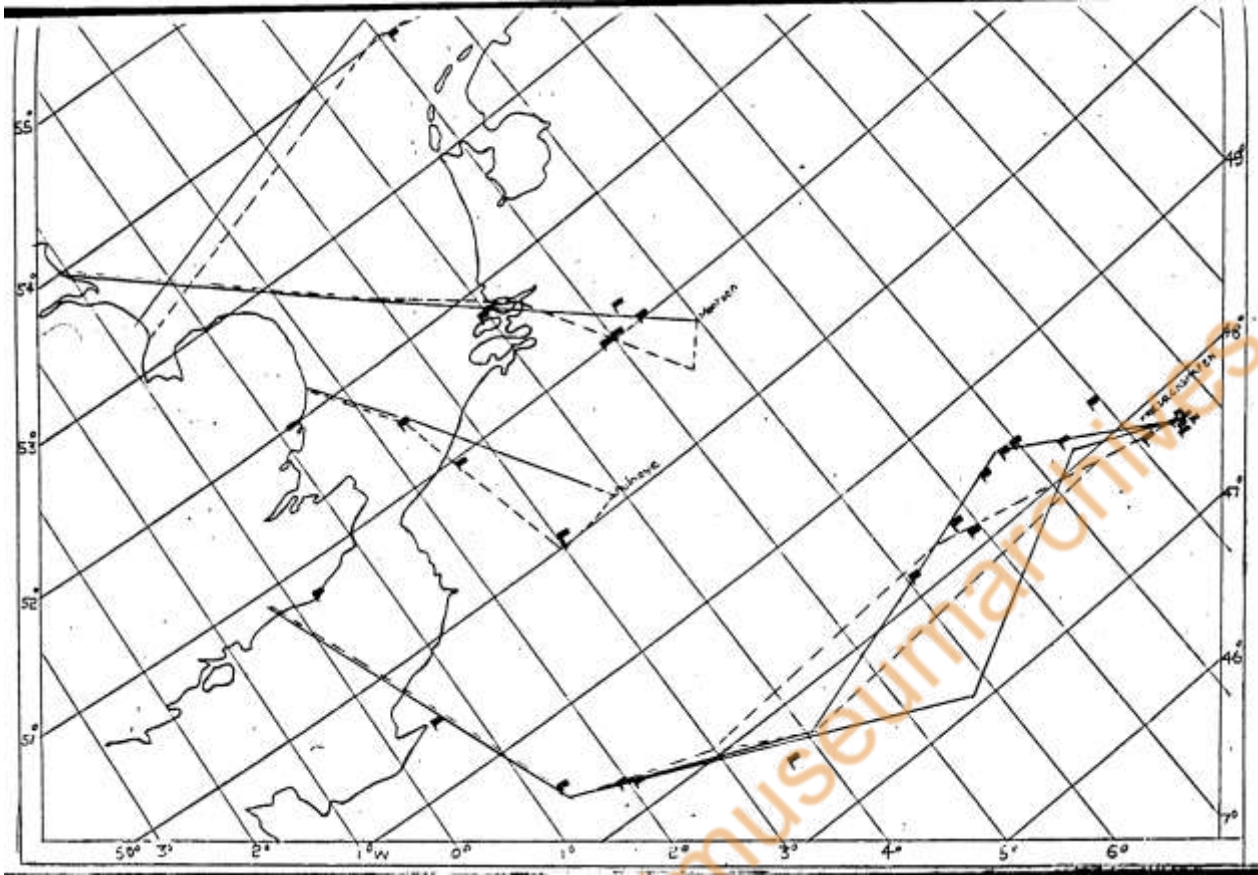
27/28th APRIL 1944. (Contd.)

GROUP	TYPE	COUNT	REPORTING		POSITIVE		TOTAL	RESULTS				INTERCEPTS		RESULTS					
			REPT.	POS.	REPT.	POS.		REPT.	POS.	REPT.	POS.	REPT.	POS.						
PATERICKS	Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATERICKS TOTAL	Hal.	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	19	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATERICKS	Hal.	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATERICKS TOTAL	Hal.	748	710	-	-	-	30	15+1.0	3+1.0	4+1.0	2x2+3B	2B	2B	-	-	-	-	-	-
	Hal.	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATERICKS TOTAL	Hal.	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	55	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATERICKS	Hal.	26	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATERICKS TOTAL	Hal.	42	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hal.	159	159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

0.3.3.3.

* NOT INCLUDED IN GRID TOTAL

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BOMB PLOT NOT AVAILABLE

BOEHR COMMAND REPORT ON NIGHT OPERATIONS

28/29th APRIL 1944

MEDARD-EN-JALLES : OSLO : Hamburg : Special Operations : etc.

Medard-en-Jalles. 33 Lancasters and 4 Mosquitos of 5 Group were sent to the explosive works at St. Medard-en-Jalles, near Bordeaux; but haze and burning woods made accurate identification impossible, and the attack was called off. A number of aircraft misheard the instructions and bombed the wrong area. From this and all other operations on this night, all aircraft returned safely.

Oslo 51 Lancasters and 4 Mosquitos of 5 Group were despatched against the aircraft factory at Oslo. The target was effectively marked and bombed in clear weather.

Hamburg 26 Mosquitos were sent on a harassing attack against Hamburg. Bombs were dropped on H28, and the weight of the bombing, including 17 4,000 lb bombs, fell well inside the triangle marked by the flares. One Mosquito was lost en route because of a navigational error.

Special Operations 40 Stirlings, Halifaxes and Lysanders were detailed for special operations. 16 were successful.

Weather Operations 2 Mosquitos of A.D.C.B. carried out patrols in the Bordeaux area, without engaging any enemy aircraft; and a third Mosquito, of 3 Group, completed a weather reconnaissance flight.

WEATHER

France:- Fit. Little cloud.
Germany:- Much strato-cumulus W. of 10°E. broken in S. Little cloud in E.
Denmark:- Much strato-cumulus in N.W. Little cloud elsewhere.
Norway:- No low cloud. Patchy medium cloud.

	<u>Ned.</u>	<u>Oslo</u>	<u>Other Ops.</u>
No. of aircraft despatched	92	55	27
No. of aircraft reporting attack on primary area	26	54	26
No. of aircraft reporting attack on alternative area	0	0	1
No. of abortive sorties	66	1	0
No. of aircraft missing	0	0	0

EXPERIENCED

France:- Fit
Medard-en-Jalles:- Little or no cloud. Haze. Moderate visibility.
Oslo:- Little or no cloud. Moderate to good visibility.
Hamburg:- 10/10ths to 10,000' with much cirrus
 Half moon at all targets.

RECONNAISSANCE (Oslo)

Number of craters were caused on the Kjeller airfield. 6 large buildings at the Bayerische Motorenwerke were destroyed or damaged, and 2 aircraft were affected by direct hits.

REMARKS

No fighters were sighted, and there were no attacks. Flak was slight at

/Oslo

Oslo and St. Medard, but accurate at Hamburg, and intense at Cuxhaven, Bremerhaven and Wesermunde en route.

CASUALTIES

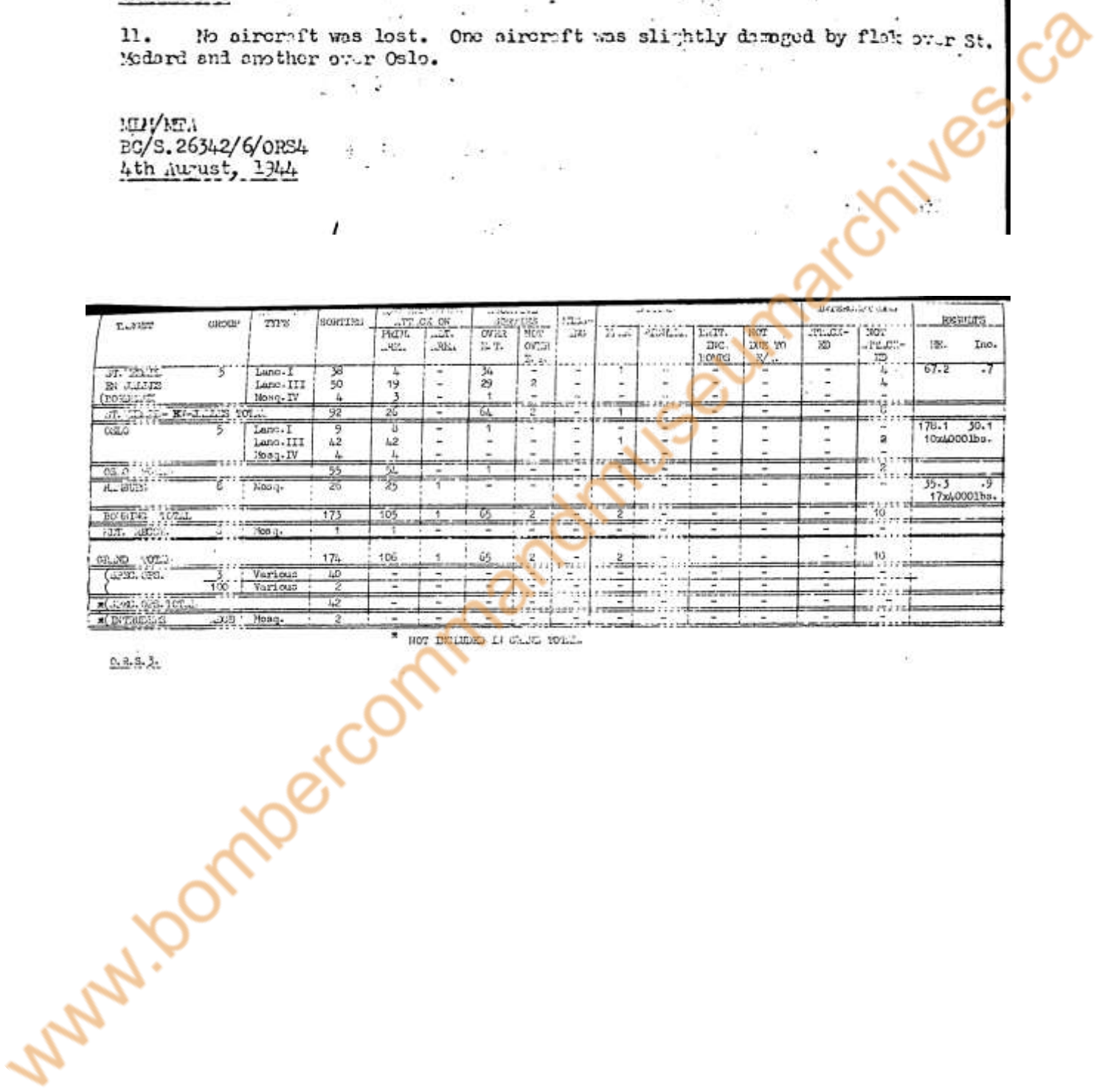
11. No aircraft was lost. One aircraft was slightly damaged by flock over St. Medard and another over Oslo.

MM/MEA
 BC/S.26342/6/ORS4
4th August, 1944

TARGET	GROUP	TYPE	BORING	TYPE OF LOSS				TOTAL	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	
				DOWN	CRASH	RECOVERED	OTHER								REMARKS	REMARKS
ST. MEDARD	5	Lanc. I	38	4	-	34	-	-	-	-	-	-	-	-	67.2	.7
EN JULES		Lanc. III	50	19	-	29	2	-	-	-	-	-	-	-	-	-
(DORVILLE)		Moag. IV	4	3	-	1	-	-	-	-	-	-	-	-	-	-
ST. MEDARD - KILGUS VOR			92	26	-	66	2	-	1	-	-	-	-	-	-	-
OSLO	5	Lanc. I	9	0	-	9	-	-	-	-	-	-	-	-	176.1	50.1
		Lanc. III	42	42	-	-	-	-	-	-	-	-	-	-	10x4000lbs.	-
		Moag. IV	4	4	-	-	-	-	-	-	-	-	-	-	-	-
OSLO			55	50	-	5	-	-	-	-	-	-	-	-	-	-
R. BUSH	6	Moag.	20	20	1	-	-	-	-	-	-	-	-	-	35.3	.9
BOMBING TOTAL			173	105	1	65	2	-	2	-	-	-	-	-	-	-
REMARKS			1	1	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL			174	106	1	65	2	-	2	-	-	-	-	-	-	-
(SPECIAL)	3	Various	40	-	-	-	-	-	-	-	-	-	-	-	-	-
(100)		Various	2	-	-	-	-	-	-	-	-	-	-	-	-	-
(REMARKS)			42	-	-	-	-	-	-	-	-	-	-	-	-	-
(REMARKS)			2	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOT INCLUDED IN GRAND TOTAL

D.S.S.



BOMBER COMMAND REPORT ON NIGHT OPERATIONS

29/30th. APRIL, 1944.

ST. MED. D-DE-JALLIES: OBERHAUSEN: ACHERES: GORCHHAUSEN: MINELAYING:
etc.FACTORY

St. Medard-en-Jalles 63 Lancasters and 5 Mosquitos of 5 Group were sent to attack the explosive works at St. Medard-en-Jalles, the most important factory of its kind in France. The target was accurately bombed in clear weather, and very great damage was caused. From this and all other operations this night, all aircraft returned safely.

Clermont Ferrand 4 Lancasters and 5 Mosquitos of 5 Group were despatched against the aircraft at Clermont Ferrand, where they achieved similar success.

Acheres 4 Mk.II Mosquitos were detailed to attack the marshalling yards at Acheres. All had OGE failure; 2 bombed the primary area on D.R. and the others were abortive.

Oberhausen 4 Mk.I and 4 Mk.II Mosquitos were despatched against the steel works at Oberhausen. 3 Mk.II aircraft made successfully controlled runs. The rest bombed on D.R., 4 in the primary area and one at Hohenbudberg.

Minelaying 38 Stirlings and Halifaxes were detailed to lay mines off the Dutch coast, the Frisians and ports on the N. and W. coasts of France. 29 reached their targets, laying 94 mines.

Leaflets 9 Wellingtons dispersed leaflets over Northern France without accident.

Fighter Operations 6 Mosquitos of 100 Group were detailed on intruder patrols. 4 failed because of low cloud over targets, and the others attacked at Trond and Luvincourt. Another Mosquito carried out a weather reconnaissance flight.

Special operations 25 Stirlings, Halifaxes, Wellingtons and Mosquitos were sent on special sorties. 13 were successful.

OTHER FORECAST

Bases:- All fit until 0400 with non cloud. Later, visibility will become poor.

Germany:- Much cumulus and strato-cumulus, well broken on middle Rhine.

France:- Much thin strato-cumulus in N. Little cloud in S. Good chance of clear skies at Clermont Ferrand and Bordeaux. Much cloud in Brest etc.

RESULTS

No.	No. of aircraft despatched.....	193
"	" " " reporting attack on primary target.....	185
"	" " " " " primary area.....	1
"	" " abortive sorties.....	12
"	" " aircraft missing.....	0

WEATHER EXPERIENCE

11. Bases:- Pit.

St. Medard:- No cloud. Good visibility. Cloud cleared S. of

Clement-Merrand:- Traces of cloud. Hazy.

Mining areas:- Very variable strato-cumulus.

Half moon, above the horizon during operations.

NARRATIVE OF ATTACK

12. St. Medard The Mosquitos' markers were estimated to have fallen yards S.W. of the target and to the N.W. Crews were instructed to bomb the markers, and a good concentration developed.

13. Clement-Merrand The target was clearly identified and the box and marking were both accurate and concentrated. A few sticks fell on the airfield.

DAY ACCOMPLISHMENTS

14. St. Medard The target was heavily damaged, especially around the boiler house and the group of buildings, half of which were damaged and many destroyed.

15. Clement-Merrand 2 very large hangars were destroyed and 9 others damaged. The main workshop was half demolished, and the offices ruined. Direct hit. 40 other small buildings were affected. The main road, 11 railway and station serving the field were torn up in many places, and other craters occurred on the landing ground.

ENEMY DEFENCES

16. Fighters were apparently idle, and there was only one attack, from which damage resulted. Flak opposition was also slight, no aircraft being hit.

CASUALTIES

17. All aircraft returned unharmed.

HLH/JT.

DC/S.26342/2/ORS4,

18th. August, 1944.

BOMBER COMMAND REPORT ON NIGHT OPERATIONS

30th. APRIL/1st. MAY, 1944

ACHERES: MAINTENON: SOULLEN: Saarbrücken: Duren: Dinclaving; etc.

CLARY

Forces of 100-150 aircraft attacked the marshalling yards at Acheres and main, and the ammunition dump at Maintenon, in cloudless conditions. The first and last attacks were extremely accurate and successful; the yards at Acheres suffered enormous damage, and the ammunition dump was virtually destroyed. At Souain, the bombing was centred on the edge of the target, but even so considerable destruction was caused. Only one aircraft was lost from all the night's operations, which included Mosquito raids on Saarbrücken, Duren and the German airfields, and a large mining programme.

WEATHER FORECAST

- Bases:- Fit all night, with little cloud. Moderate visibility.
- Germany:- 10/10ths. very low stratus in N.W. 10/10ths. medium cloud strato-cumulus in S. Extensive clearances in E.
- France:- Cloudless in N. Patchy strato-cumulus in S. Risk of fog patches off Brest and Cherbourg.
- Frisians:- 6-9/10ths. strato-cumulus, and perhaps stratus also, all over 6-8,000'.

ACHERES: MAINTENON: SOULLEN:

DETAILS OF ATTACK

Acheres Controlled BOE groundmarking. 4 BOE Mosquitos were to mark A/P with red and green spot fires and red and yellow T.I. Illuminators were to be used at the T.I., dropping them blindly if no markers were visible. They were to orbit and make a second run for bombing. The Master Bomber was to drop markers if necessary, or instruct his deputy to do so. In any case, the Master Bomber was to make a run at zero and drop white T.I. Main force crews were to be instructed by the Master Bomber. Zero hour: 2350. Mosquitos at z-6, z-2 and -1. Illuminators at z - 5 and -2. Main Force in 3 waves between z + 2 and + 10.

Maintenon An assembly point was to be marked with cascading yellow T.I. from z - 12 to z + 12. The A/P was to be marked with 2 red impact T.I., backed up with red spot fires; then by cascading red T.I. and more red spot fires. The Master Bomber was to instruct the main force how to bomb. Zero hour: 2350.

Souain Method and timing as for Acheres, except that zero hour was to be 2350.

	<u>Acheres</u>	<u>Maintenon</u>	<u>Souain</u>
No. of aircraft despatched.....	128.....	116	142
" " " reporting attack on prim. area....	122.....	115	135
" " abortive sorties.....	6.....	1	7
" " aircraft missing.....	0.....	0	1
			(0.7%)

...../WEATHER EXPERIENCED.

WEATHER EXPERIENCED

7. Bases:- Pit.

Acheres, Maintenen, Somain:- No cloud. Haze at Somain. Half moon. Excellent visibility. No cloud en route except patches of medium and cirrus cloud.

NARRATIVES OF ATTACK

8. Acheres The Mosquitos, though late, were accurate, and both the Master Bomber and his deputy dropped whites near the L/P. The Master Bomber was clearly heard, and the bombing was concentrated round the whites.

9. Maintenen The markers were accurately placed, and the Master Bomber ordered the first wave to bomb at once. An extraordinarily spectacular attack resulted. Explosions were so numerous as to be uncountable, and were heard for 120 miles.

10. Somain The Mosquitos were late and inaccurate; the first wave went down 7 minutes late and a mile from the L/P, at the western extremity of the yards. The Master Bomber could not identify and mark the correct L/P until 2 + 10, by which time many aircraft had bombed the inaccurate T.I.

DAY RECONNAISSANCE

11. Acheres Heavy damage was caused throughout the yards. The engine shed lost 75% of its roof, and the transshipment shed was similarly affected. Engines were wrecked in their shed, and at least 2 more suffered from near misses. Very many tracks were blown up, especially in the crowded southern half of the yards, and rolling stock was everywhere derailed or demolished.

12. Somain The weight of the attack fell outside the yards, but serious damage was caused in the eastern sector, where the 16-bay roundhouse, a large unidentified 4-bay building, and a big industrial complex S. of the roundhouse together with various smaller buildings, were badly damaged. The passenger station was one third demolished, and a double-lane highway bridge collapsed to the tracks. Nearly all the tracks at the western entrance to the central sorting sidings were cut, and scattered hits occurred among the reception sidings and an engine-reversing track triangle. Rolling stock suffered seriously.

13. Maintenen Enormous damage was caused. Nearly every building destroyed or damaged, and enormous craters marked the positions of internal explosions, the largest measuring 80' across. 1,100 yards S. of the gas depot, a loose stick of bombs caused explosions in another dump in the Parc Duc de Houilles. The main line railway passing through the dump was cut in 22 places by direct hits, while 21 more were scored on the adjacent sidings. The town of Maintenen was almost unscathed.

ENEMY DEFENCES

14. Fighter opposition was slight. Only 3 of the 388 aircraft engaged attacked - all on Somain. Flak was meagre.

CASUALTIES

15. One Halifax was lost on Somain. It was shot down by flak over D/L 9,000'. A Lancaster damaged its undercarriage while taking-off and, since it could not jettison their bombs, the crew baled out. The aircraft crashed and was destroyed. A Halifax crashed on return from Acheres.

SLIGHTLY DAMAGED

16. 28 Mosquitos, including 4 Y-aircraft, were sent against Saarbruck. The Y-aircraft failed, and 27 aircraft bombed on G/L/D. From this and other operations on this night, all returned safely.

...../DJR:

DUREN

5 Mk.I OBOE Mosquitos were despatched against the Durener Metallwerke. 2 made successfully controlled runs. 2 bombed the primary area on 1st, and the fifth attacked Aachen.

MINELAYING

46 Halifaxes, out of a force of 48, laid 107 mines off the Frisians and in the French Channel and Biscay ports (including Rouen).

FIGHTER OPERATIONS

9 Mosquitos of 100 Group were detailed on SEPRATE patrols. 23 others, from 2 and 100 Groups and A.D.G.B., intruded over enemy-occupied territory. No combats occurred.

SPECIAL OPERATIONS

50 Stirlings, Halifaxes, Lysanders, Hudsons and Portresses were despatched on special sorties. 37 were successful.

M.T.
S. 26342/4/CPS4,
September, 1944.

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GROUP	NO. OF GROUPS	TYPE	SORTIES	A/C REPORTING		OVER	NOT OVER	D/D	FLAK	FIGHTER	BOMB INC.	NOT DUE TO E/A	ATLACK-ED	NOT ATLACK-ED	HE.	Inc.
				PRIM. AREA	ALT. AREA											
GILLES	4	Hal. III	107	106	-	-	1	-	-	-	-	-	-	-	527.9	1.6
		Lanc. III	13	13	-	-	-	-	-	-	-	-	-	-	-	-
		Mosq. IV	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		Mosq. XVI	3	1	-	2	-	-	-	-	-	-	-	-	-	-
TOTAL			128	122	-	2	-	-	-	-	1E	-	-	3	-	
H. BOYERSON	1	Lanc. I	41	41	-	-	-	-	-	-	-	-	-	-	629.0	1.0
		Lanc. III	75	74	-	-	1	-	-	-	-	1E	-	-	1	-
TOTAL			116	115	-	-	-	-	-	-	1E	-	-	1	-	
SOLDI	6	Hal. III	108	106	-	1	1	1	2	1	-	-	3	6	592.5	2.1
		Hal.	6	6	-	-	-	-	-	-	-	-	-	-	-	-
	8	Lanc. III	20	20	-	-	-	-	-	-	-	-	-	-	-	-
		Mosq. IX	5	1	-	4	-	-	-	-	-	-	-	-	-	-
TOTAL			132	135	-	6	1	1	2	1	-	-	3	-	-	
STARBUCKEN	8	Mosq. IV	14	14	-	-	-	-	-	-	-	-	-	-	40.6	.2
		Mosq. IX	3	3	-	-	-	-	-	-	-	-	-	-	-	-
		Mosq. XVI	9	9	-	-	-	-	-	-	-	-	-	-	-	-
		Mosq. XX	2	1	-	1	-	-	-	-	-	-	-	-	-	-
TOTAL			28	27	-	1	-	-	1	-	-	-	-	-	-	
DORR	8	Mosq. IX	2	1	1	-	-	-	-	-	-	-	-	-	3.6	-
		Mosq. XVI	3	3	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL			5	4	1	-	-	-	-	-	-	-	-	-	-	
DC DING TOTAL				419	403	1	12	3	3	1	-	2E	3	10	-	-

/S/CLAYING

612

March 30/1st. 1st. 1944. (Contd)

SQUAD	GROUP	A/C TYPE	SORTIES	A/C REPORTING		ABORTIVE SORTIES		D/D	DAMAGE			INTERCEPTIONS		RESULTS		
				PRIM. AREA	ALT. AREA	OVER E.T.	NOT OVER E.T.		INC.	FLAK	FIGHTER	BOMB INC.	NOT DUE TO E/A	ATLACK-ED	NOT ATLACK-ED	HE.
MINELAYING																
L. PALLIDE	4	Hal.	6	6	-	-	-	-	-	-	-	-	-	-	-	107 mines
FRISLEYS		Hal.	6	6	-	-	-	-	-	-	-	-	-	-	-	
GILWIDE R.	Hal.	6	6	-	-	-	-	-	-	-	-	-	-	-		
ST. N. ELINE	6	Hal.	8	8	-	-	-	-	-	-	-	-	-	-	-	
ST. LEO		Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	
MOBLUC		Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	
ROUAI (LS HLW)		Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	
CHERBOURG		Hal.	2	2	-	-	-	-	-	-	-	-	-	-	-	
LOMBET		Hal.	4	4	-	-	-	-	-	-	-	-	-	-	-	
FRISLEYS	Hal.	10	8	-	-	1	1	-	-	-	-	-	-	-	-	
MIN LAYING TOTAL			48	46	-	1	1	-	-	-	-	-	-	-	-	
BOMB SUPPORT	100	Mosq.	9	8	-	-	-	-	-	-	-	-	-	-	-	
INTRUDERS	100	Mosq.	5	4	-	-	-	-	-	-	-	-	-	-	-	
GRAND TOTAL			481	461	1	13	6	1	3	1	-	2E	3	10	-	
(SPECL. OPS.)	3	Various	46	-	-	-	-	-	-	-	-	-	-	-	-	
400	Various	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
SPECL. OPS. TOTAL			50	-	-	-	-	-	-	-	-	-	-	-	-	
INTRUDERS	2	Mosq.	12	-	-	-	-	-	-	-	-	-	-	-	-	
400	Mosq.	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
INTRUDER TOTAL			18	-	-	-	-	-	-	-	-	-	-	-	-	

O. R. S. 2

NOT INCLUDED IN GRAND TOTAL.

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