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ODE - 2040  
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COPY NO. 1

1. ODE - 2040 arrived at [ ] on 18 October 1957 at 1140.

25X1

2. Photography is of excellent quality considering the extremely low sun angle. Heavy cloud cover was encountered only at start of the mission prior to penetration of the USSR. The first USSR landfall was in the vicinity of Litskiye Ostrova (68°38'N - 37°45'E). Medium cloud cover partially obscured portions of the Kola Peninsula coast, however, for the remainder of the run only limited scattered clouds were encountered. No malfunction.

A2040, 13 October 1957, covers Murmanskaya Oblast, USSR; Finland and Norway.

ODE - 2040 covers only Murmanskaya Oblast.

#### SUMMARY:

The amount of activity disclosed by this preliminary study would be of great interest in almost any area. It is of particular interest in this extreme northwest section of the USSR located entirely above the Arctic Circle.

Ten major airfields were covered, of which four are new. Aircraft on these ten fields total 132 bombers, 235 fighters, and 5 transports.

Shipping in this area included 47 submarines, 36 Destroyers, 5 Destroyer Escorts, 69 PT boats, 21 Patrol Craft, 5 Cruisers, 15 minesweep-type, and 3 Cargo ships. In addition, two submarine pens, drydocks and floating drydocks were seen.

Railroad, road, and building construction is much in evidence throughout the area.

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1. The northeast coast, and islands offshore, of the Kola Peninsula from Litskiye Ostrova (68°38'N - 37°45'E) into the Kola Inlet show several installations that appear to be lighthouses, navigation lights, and/or electronics facilities.

2. KHARLOVKA

69° 12' N - 35° 08' E

25X1

Small port with two unidentified craft visible.

3. KIL'DIN ISLAND AIRFIELD

69° 19' N - 34° 11' E

25X1

One concrete E/W runway approximately 6000 by 170 feet, with parallel taxiway and two parking aprons approximately 1200 by 100 feet. No aircraft visible. Kil'Din Seaplane Station appeared inactive.

4. SAYDA GUBA SUBMARINE BASE

69° 15' N - 33° 15' E

25X1

Nine submarines measuring 210 to 240 feet in length. Three probable Destroyer Escort, two measuring 240 feet long with deck covered by a canopy, one measuring 295 feet. One submarine pen measuring 350 by 110 feet.

5. TYUVA GUBA

69° 11' N - 33° 39' E

25X1

Small craft and several storage-type buildings in this area.

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VOSTOCHNAYA  
6. DOLGAYA ZAPADNAYA GUBA

69° 15' N - 33° 50' E

25X1

New PT Boat base near mouth of Kola Inlet. Fifty-three PT Boats (83 feet) and one Destroyer (435 feet). One probable submarine pen under construction measuring 500 by 330 feet.

## 7. PORT VLADAMIR

69° 25' N - 33° 07' E

25X1

Small port with several small unidentified craft, one cargo vessel approximately 420 feet in length. There appear to be several radar sites in the area.

## 8. TOROS AREA

69° 18' N - 33° 25' E

25X1

Six PT Boats, one possible Destroyer Escort (300 feet), and three unidentified craft.

## 9. POLYARNYY

69° 12' N - 33° 30' E

25X1

This submarine supply base is marked by considerable activity. There are twenty-four submarines present including nine "W" class, five "Z" class,

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two "Q" class, four "K" class, two "L-III" class, one "S" class and one "SHCH" class. Also in this area are twenty Kronshtadt patrol craft and other miscellaneous service craft. It appears that all entrances to anchorage and dock areas are protected by submarine nets.

## 10. OLENYA BAY

65° 13' N - 33° 22' E [REDACTED]

25X1

Small submarine base, containing nine submarines and seven PT Boats.

## 11. VAYENGA NAVAL BASE

69° 05' N - 33° 26' E [REDACTED]

25X1

Shipping in the Vayenga area includes three Cruisers (665-685 feet), nineteen Destroyers [REDACTED] eight Destroyers (335 feet), one Tanker (320 feet), 25X1 and many small unidentified craft.

## 12. NEW NAVAL BASE

69° 03' N - 33° 14' E [REDACTED]

25X1

This new Naval Base is located adjacent to the former site of the Varlamova West Airfield. It appears to be a minesweep modification and/or repair facility. It contains fifteen minesweep-type ships, three PT Boats, one patrol craft, and various service craft. It also contains a floating drydock

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approximately 900 by 160 feet, in two sections. This drydock contains mine-sweep and smaller vessels undergoing repair and/or modification.

### 13. ROSTA

69° 01' N - 33° 04' E

25X1

Very active repair and logistic area. Shipping activity includes two Cruisers (689 feet), one hull (585 feet), five Submarines (235 feet), five Destroyers (385 feet), three Destroyers (335 feet), two Cargo (500 feet), one Cargo (310 feet), one Tanker (500 feet), ten to fifteen ships in drydock, possibly Submarines. Two drydocks (750 by 95 feet, and 425 by 95 feet), some fifty to sixty other miscellaneous vessels in the area.

### 14. MURMANSK NE AIRFIELD

69° 01' N - 33° 18' E

25X1

One concrete NW/SE runway measuring 6300 by 260 feet. Operational but with construction still in progress. Aircraft observed: forty-nine Farmer, thirty-six Flashlight, one Cab.

### 15. SEVEROMORSK AIRFIELD

69° 02' N - 23° 25' E

25X1

Two runways, one concrete NW/SE 8200 by 265 feet, and one blacktop N/S 3300 by 260 feet. Field operational but still under construction. In open

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storage are 107 cylinders or crates, fifty-five are approximately [REDACTED] and  
 fifty-two are [REDACTED] Aircraft observed: three Bull, thirty Badger, twenty-  
 three Beagle, one Cab, and one unidentified single engine aircraft.

16. MURMANSK/GRYAZNYY SEAPLANE STATION

69° 04' N - 33° 17' E [REDACTED]

25X1

Parking apron 3500 by 1500 feet with two launching ramps. One hangar  
 230 by 200 feet. Aircraft observed: nine Madge, eight Mop.

17. MURMANSK, and the surrounding area, is covered by very good  
 photography.

18. NEW AIRFIELD (17 miles SE of Murmansk)

68° 51' N - 33° 44' E [REDACTED]

25X1

One concrete SSE/NNW 8000 by 200 foot runway, with loop taxiway  
 having thirty-two hardstands. Taxiway at SE end leads over a mile to six con-  
 crete semi-revetted hardstands. Field is operational although construction  
 activity is in progress. Aircraft observed: thirty-seven Beagle, and four un-  
 identified single engine aircraft.

19. MURMANSK/KOLA AIRFIELD

68° 51' N - 33° 01' E [REDACTED]

25X1

One packed-earth N/S runway 3350 by 670 feet. Aircraft observed:  
 eight Cab, one Crate, one Liaison.

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20. MURMMASHI AIRFIELD

68° 48' N - 32° 48' E

25X1

Graded earth landing area NE/SW 3300 by 300 feet. Aircraft observed:  
two Fagot, one Hound, four unidentified.

21. MURMANSK/SHONGUY AIRFIELD

68° 45' N - 33° 09' E

25X1

Sod landing area. Aircraft observed: two helicopters.

22. KRUG INSTALLATION

68° 47' N - 32° 56' E

25X1

Located approximately two and one-half miles SE of Murmmashi.  
Base diameter 820 feet.

23. NEW AIRFIELD (near Sovkhoz/Murmansk)

68° 28' N - 33° 18' E

25X1

One blacktop NNE/SSW runway 6300 by 165 feet with loop taxiway and  
two parking aprons. Aircraft observed: forty-eight Fresco. Note: this field  
may be the one referred to as Taybola Airfield in the "Airplane, Seaplane Stations  
of the World". This field is located some five miles NNE of the reported site  
of Taybola Airfield.



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## 24. NEW AIRFIELD (New Olenya)

68° 08' N - 33° 29' E

25X1

Olenya Airfield as shown in ASSOW and on ATMP 0051-9994-0-25MA is abandoned. A new airfield is located some four miles east across Lake Pelesomozero.

One concrete NE/SW runway 11,000 by 250 feet with parallel taxiway, two fueling loops. A drive through building 190 by 65 feet suggests missile handling. Field is operational but still under construction. Aircraft observed: one Cab.

## 25. Olenya Area

68° 09' N - 33° 15' E

25X1

Much activity evidenced throughout area including new railroad and road construction, new housing, and mining and ore processing.

## 26. KIROVSK AREA

67° 34' N - 33° 34' E

25X1

This area is seen only on oblique photography and is partially cloud covered. Kirovsk Airfield is a small sod field and no aircraft were observed.

## 27. APATITY AREA

67° 35' N - 33° 20' E

25X1

Seen only on oblique photography and partially obscured by clouds. Apatity Seaplane Station difficult to make out.

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### 28. AFRIKANDA AND NIVSKIY AIRFIELDS

67° 27' N - 32° 46' E [REDACTED]

25X1

Both fields are visible only on far oblique photography. Afrikanda has an E/W concrete runway in excess of 6600 feet and some fifteen unidentified aircraft could be seen. Nivskiy Airfield (Afrikanda 2) is only a sod field.

### 29. MONCHEGORSK AIRFIELD

67° 58' N - 33° 00' E [REDACTED]

25X1

One concrete NE/SW runway 6800 by 185 feet with loop taxiway and secure storage area suggesting special weapons handling. Aircraft observed: thirty-nine Beagle, twenty Fresco, eight Fagot, and two Cab.

### 30. NEW AIRFIELD (Ten miles SE of Pechenga Airfield)

69° 15' N - 31° 12' E [REDACTED]

25X1

One blacktop NE/SW runway 5000 by 150 feet. Under construction, no aircraft observed.

### 31. PECHENGA AIRFIELD

69° 24' N - 31° 00' E [REDACTED]

25X1

One blacktop runway NE/SW measuring 6800 by 165 feet, with parallel parking aprons, one earth and the other blacktop, running almost the full length

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of the main runway. Aircraft observed: seventy-four Fresco, three Liaison, and two mock-ups (B-47, Canberra).

### 32. PECHENGA NICKEL COMBINE

69° 28' N - 30° 17' E

25X1

Combine appears on the far oblique and is characterized by a very tall stack, a large pit mine, and extensive ore processing plant. Located in the town of Nickel some twenty-five miles SW of Pechenga the Combine is served by an extension of the Murmansk-Pechenga rail line.

### 33. MONCHEGORSK NICKEL COMBINE

67° 54' N - 32° 58' E

25X1

This area is very active with considerable evidence of new housing and road construction.

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