This is unevaluate to the Tork This is unevaluate to the Tork This is unevaluate to the the Tork This is unevaluate to the the third the Tork Tork This is unevaluate to the the third third third third the third thir			CLASSIFICATION SED IN	LIGENCE AGENCY	REPORT	0/
DATE DISTR. 30 Nov. 1951 BRIECT Scise-Jens; Production of Navised. NO. OF PAGES 3 Instruction in the DUR NO. OF PAGES 3 Instruction in the P	MELLE	FAX 14	INFORMATIO	ON REPORT	CD NO.	\\(\begin{align*} \Geq \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
This is unevaluate to the Tork This is unevaluate to the Tork This is unevaluate to the the Tork This is unevaluate to the the third the Tork Tork This is unevaluate to the the third third third third the third thir	DUNTRY		ussian Zone)	:	DATE DISTR.	30 Nov. 1951
THIS IS UNEVALUATED INFORMATION 1. In the middle of July there was a conference at Askania in Tellow concerning the production of mantical equipment, on the reparations account (mic), for the Seepolized and the seagning merchant wascles of the DDR for the year 1951-52. The following personalities were at this conference: a. A representative of Askania. b. Walter Chemnitz of the Hamptverwaltung Feinmechanik und Optik of the Hinistry for Machine Construction. c. A representative of Schiffsworft Stralsurd. d. An officer of the Seepolizei. c. A representative of Telse-Jona. 2. A lecture was given by Dr. Schrade on C August 1951 about this conference to all department bands, specialists, scientists, ots. of Telses. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discoursion was presumably andingly about shortage of are materials (and their quality) in the DDR. The types of equipment discussed were fullerung stone). Askania, but they are not satisfied as to the quality of the "Sapiyr-Lagerstaine" (capphire fullerung stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Sapiyrsteine" will be from the USSR and the containers will be made by Joses-Jona.	JBJECT					3
THIS IS UNEVALUATED INFORMATION This is unevaluated in Teltow concerning the production of nautical equipment, on the reparations account (sio), for the Seepolized and the seageing morehant vessels of the DDI for the year 1951-52. The following personalities were at this conference: a. A representative of Askania. b. Walter Chemnitz of the Hauptverwaltung Feinmechanik und Optik of the Hindstry for Machine Construction. c. A representative of Schiffsworft Stralsuml. d. An officer of the Seepolized. c. A representative of the Seepolized. c. A representati	ACE OUIRED		2000.49.		ENCLS.	_
THIS IS UNEVALUATED INFORMATION 1. In the middle of July there was a conference at Askania in Teltow concerning the production of nautical equipment, on the reparations account (sic), for the Seepolizei and the seagoing merchant vessels of the DDR for the year 1951-52. The following personalities were at this conference: a. A representative of Askania. b. Walter Chemnitz of the Hauptverwaltung Feinmechanik und Optik of the Hintstry for Hachine Construction. c. A representative of Schiffsworft Stralsund. d. An officer of the Seepolizei. c. A representative of the Seepolizei. d. An officer of the Seepolizei. c. A representative of the Seepolizei. d. A representative of t	TE OF					
1. In the middle of July there was a conference at Askania in Teltow concerning the production of nautical equipment, on the reparations account (sic), for the Secolizei and the seagoing merchant vessels of the DDR for the year 1951-52. The following personalities were at this conference: a. A representative of Askania. b. Walter Chemnitz of the Hauptverwaltung Feinmechanik und Optik of the Hindstry for Machine Construction. c. A representative of Schiffsworft Stralsund. d. An officer of the Secolizei. c. A representative of the SCC. f. Dr. Hugo Schrade of Teiss-Jena. 2. A lecture was given by Dr. Schrade on C August 1951 about this conference to all department heade, specialists, exicutiots, etc. of Teiss. His discourse concerned forcer production and twine production in 1951 and 1952. In Teltow the discussion was premumily mainly about shorts, so of raw materials (and their quality) in the DDR. The types of equipment discussed were the following: a. Gyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lageroteine" (sapphire fulerum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrateine" will be from the USSR and the containers will be made by Teiss-Jena. CONFIDENTIAL Decument No. Decument No				THIS IS UN	NEVALUATED INFORMA	ATION
1. In the middle of July there was a conference at Askania in Teltow concerning the production of nautical equipment, on the reparations account (sic), for the Seepolizei and the seagoing merchant vessels of the DDR for the year 1951-52. The following personalities were at this conference: a. A representative of Askania. b. Walter Chemnitz of the Hauptverwaltung Feinmechanik und Optik of the Hinistry for Machine Construction. c. A representative of Schiffswerft Stralsund. d. An efficer of the Seepolizei. c. A representative of the SCC. f. Dr. Hugo Schrade of Toiss-Jona. 2. A lecture was given by Dr. Schrade on C August 1951 about this conference to all department heads, specialists, acientists, otc. of Zoiss. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discussion was presumably mainly about shortages of raw materials (and their quality) in the DDR. The types of equipment discussed were the fellowing: a. Opyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Laperstaine" (asphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrateine" will be from the USSR and the containers will be made by Zeiso-Jena. CONFIDENTIAL	ibited by LAS.	REPROSECTION OF THIS	i PORM IS PROHIBITUD.			50X1-HUN
the production of nautical equipment, on the reparations account (sic), for the Seepolizei and the seagoing merchant vessels of the DDR for the year 1951-52. The following personalities were at this conference: a. A representative of Askania. b. Walter Chemnitz of the Hauptverwaltung Feinmechanik und Optik of the Hindstry for Hachine Construction. c. A representative of Schiffswerft Stralsund. d. An officer of the Seepolizei. c. A representative of the SCC. f. Dr. Huge Schrade of Noise-Jena. 2. A locture was given by Dr. Schrade on C August 1951 about this conference to all department heads, specialists, scientists, etc. of Noise. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discussion was presumably mainly about shortages of raw materials (and their quality) in the DDR. The types of equipment discussed were the following: a. Cyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lagersteine" (apphire fulerum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "SaphyrateIne" will be from the USSR and the containers will be made by Noise-Jena. CONFIDENTIAL CONFIDENTIAL						00/(1110)
c. A representative of Schiffsworft Stralsund. d. An officer of the Scepolizei. e. A representative of the SCC. f. Dr. Hugo Schrade of Toiss-Jena. 2. A lecture was given by Dr. Schrade on C August 1951 about this conference to all department heads, specialists, scientists, etc. of Zoiss. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discussion was presumably mainly about shortages of raw materials (and their quality) in the DDR. The types of equipment discussed were the fellowing: a. Gyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lagersteine" (sapphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrsteine" will be from the USSR and the containers will be made by Zeiss-Jena. Declassified Class. Declassified Class. Changed To: TS S Confidential Declassified De	**************************************	the productive follows a. A representation of the follows a. Walter	tion of nautical equi and the seagoing me- ing personalities we esentative of Askania Chemnitz of the Hau	ignent, on the reprehant vessels of re at this confer a. ptverwaltung Feins	parations account the DDR for the ye ence:	(sic), for the ear 1951-52.
d. An officer of the Scepolizei. c. A representative of the SCC. f. Dr. Nugo Schrade of Reiss-Jena. 2. A lecture was given by Dr. Schrade on C August 1951 about this conference to all department heads, specialists, scientists, etc. of Reiss. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discussion was presumably mainly about shorts, as of raw materials (and their quality) in the DDR. The types of equipment discussed were the fellowing: a. Gyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lagarsteine" (saphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrsteine" will be from the UBSR and the containers will be made by Zeiss-Jena. Declassified Class. Change In Class. Declassified Cl		llinist	ry for Machine Const	ruction.		
c. A representative of the SCC. f. Dr. Hugo Schrade of Toiss-Jena. 2. A lecture was given by Dr. Schrade on C August 1951 about this conference to all department heads, specialists, scientists, etc. of Zoiss. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discussion was presumably mainly about shortages of raw materials (and their quality) in the DDR. The types of equipment discussed were the following: a. Gyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lagersteine" (sapphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrsteine" will be from the UCSR and the containers will be made by Zeiss-Jena. Confidential Declassified Class. Declassified Declassified Class. Changed To: TS Compared to: TS Confidential Confide		-				•
f. Dr. Hugo Schrade of Reiss-Jena. 2. A lecture was given by Dr. Schrade on C August 1951 about this conference to all department heads, specialists, scientists, etc. of Roiss. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discussion was presumably mainly about shortages of raw materials (and their quality) in the DDR. The types of equipment discussed were the following: a. Gyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lagersteine" (sapphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrsteine" will be from the USSR and the containers will be made by Zeiss-Jena. Document No.						
to all department heads, specialists, scientists, etc. of Zeiss. His discourse concerned former production and future production in 1951 and 1952. In Teltow the discussion was presumably mainly about shortages of raw materials (and their quality) in the DDR. The types of equipment discussed were the fellowing: a. Gyro-Compasses (Kreisel Kompass) Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lagersteine" (sapphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrsteine" will be from the USSR and the containers will be made by Zeiss-Jena. Document No			•		•	
Production and research was formerly carried out by Askania, but they are not satisfied as to the quality of the "Saphyr-Lagersteine" (sapphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrsteine" will be from the UCSR and the containers will be made by Zeiss-Jena. Document No.		A lecture	partment heads, speci	rade on C August	s, etc. of Zeiss.	Ilis discourse
are not satisfied as to the quality of the "Saphyr-Lagersteine" (sapphire fulcrum stone). Askania was commissioned to continue the production for 1951/1952 and improve development. The supply of "Saphyrsteine" will be from the USSR and the containers will be made by Zeiss-Jena. Document No.	2.	concerned Teltow the (and their	discussion was pres quality) in the DDR	d future producti umably mainly abo	ut shortages of ra	w materials
No Change In Class. Declassified Class. Changed To: TS S C Auth.: HR 76-2 Date:	2.	concerned Teltow the (and their following:	discussion was presequality) in the DDR	d future producti umably mainly abo . The types of e	ut shortages of ra	w materials
Date: _ es / - 7/ / 0	2.	concerned Teltow the (and their fellowing: a. Gyro-C Produc are no fulcru for 19	discussion was presequality) in the DDR compasses (Kreisel Kowtion and research was trainfied as to the stone). Askania weekly 1952 and improve	d future productionably mainly about. The types of empass) as formerly carrieue quality of the mas commissioned to development. The	nt shorts; es of ra quipment discussed d out by Askania, "Saphyr-Lagerstein o continue the pro supply of "Saphyr	w materials were the but they e" (sapphire duction steine" will
CLASSIFICATION CHELLIFOCHEROL - U.S. CT. LIFETIS CHER	2.	concerned Teltow the (and their fellowing: a. Gyro-C Produc are no fulcru for 19	discussion was presequality) in the DDR compasses (Kreisel Kowtion and research was t satisfied as to the mostone). Askania was 1951/1952 and improvement the UDSR and the compassion was presented the unit of the un	d future production and a mainly about. The types of empass) as formerly carried and a mainly of the mass commissioned to development. The containers will be containers will be containers will be contained to development. The containers will be contained to development. The containers will be contained to development.	d out by Askania, "Saphyr-Lagerstein o continue the pro supply of "Saphyr made by Zeiss-Jen ment No	w materials were the but they e" (sapphire duction steine" will a.

50X1-HUM

CONFIDENTIAL

SECRET/COMPROL U.S. OFFICIALS ONLY

CENTRAL INTELLICENCE AGENCY

50X1-HUM

-2-

b. Bearing compass (Induktions und Faden-Kompass)

Similar conditions to those in (a) above. The development and production will be conducted by Askania.

c. Logs (Log)

Askania will develop logs with the electrical connections of the drive (sic) supplied by the RFT. They will have a complete monopoly.

d. Sounding equipment

Askania will produce the "Thomsen-Lot", and the RFT the "Behm'sche Echo-Lot".

e. Pelorus or bearing compasses (Peilscheiben)

The development of these will be undertaken by Askania with the attached telescopes, etc., supplied by the "Optische Werke, Rathenow". Hagnification will be increased in the telescope from 2.5 to 3.5 X. There will be no other firms in competition.

f. Compass magnifiers (Kompass-Lupen)

For enlarging compass readings (steering). Production and development by Askania and Rathenow optical works.

g. Clear view screens (Klar-Sichtscheiben)

These are fitted on the bridge of vessels to throw off spray or rain (they consist of a rotating glass disc). The production will be carried out by Askania but the glass will be supplied by Schott (Jena).* See paragraph 3a below.

h. Artificial horizon (Künstlicher Horizont-Kimm-Messer)

Development and production by the Hildebrandt firm of Freibert.

i. Heeling recorder (Krängungsmesser)

Production and development by Schiffswerft, Stralsund in conjunction with Askania.

j. Sextants (Sextanten)

The development and production of the sextants will be conducted by the Hildebrandt firm in Freiberg. The principal difficulty encountered in production is that of the reflecting mirror on the arm of the sextant reflecting direct rays from the sun. The mirrors will be supplied by Schott (Jena). (By means of a better melting process the glass, it is hoped, will be free of faults).

k. Position lights (Positionslatermen)

To be produced by various firms in the DDR (names unknown). The main criticism concerned the poor containers for the lamps which hitherto have not been water tight. In addition, the internal fittings were not properly secured, which caused poor electrical contacts and shorts. The screws and other fittings were poor and caused corrosion.

CONFIDENTIAL

CESRET/SCHIPOI U.S. OFFICIAIS ONLY

CONFIDENTIAL SUPERIOR - U.S. OFFICIALS ORLY

TARMET	THEFT LICENCE	1 CERTICAL
C11. (C11112A)	A SUPPORT A STATE OF SMALL	ALTERIOL Y

50X1-HUM

-3-

1. Range-finders, telescopes, dip measuring instrument, etc. (Entfernungsmesser, Spezialfernrohre, Kimm-Tiefen-Messer).

The development of this equipment will be conducted by Zeiss (Jena). However, the Seepolizei representative reported that specifications for vessels which were planned for the future for the Seepolizei force had not yet been definitely settled and consequently no plans for equipment could be specified.

3. a. Clear-view screens

Askania has given an order for the first 150 clear-view screens to Schott (Jena). The order called for specifications as shown on attached sketch. (See Sketch 1) The first difficulty encountered was with the production of a steel frame for the screens but these will be supplied by the end of September 1951. (Suppliers at present unknown). Askania has demanded the immediate production of the screens, but another difficulty that the Schott firm is encountering is the cutting of the 301 mm diameter

circle. This task will be given to the Zeiss works.

50X1-HUM

Type of glass:

Kristall-Spiegelglas

Measurements:

612 x 412 mm (±0.5 mm)

Thickness: 5 mm

Diameter of hole:

304 mm (± 0.2 mm)

Askania order (Auftragsnummer):

7 91 03 - 91 - 0002

b. Glass-Discs (Teilkreis-Scheiben)

Schott has received an order from Zeiss for 200 glass discs (use unknown). Specifications are as follows:

Glass:

ZK5 (Zink-Kron-Glas)

lleasurcments:

150 x 150 mm

Thickness: 5 mm with facet 20 mm wide

Thickness of edge at facet: 4 mm

Use of these glass plates unknown. specifications, No. 3, attached).

(Sketch No. 2, together with glass

50X1-HUM

* Comment: Formerly Schott und Genossen, now Jenaer Glaswerk (VVB Optik), located in Jena.

CONFIDENTIAL

SHORET/CONTROL - U.S. O. TICIALS ONLY