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10000/124/205

NSC/4665
28 February 1946

From: Navy Sub-Commission, Hq. Allied Commission.
To : Allied Force Headquarters, G-5 Section.
Subject: Survey of Industries Supplying Arms to I.R.N.
Enclosure: (A) Ministry of Marine ltr. B.2155 dated 25 February 1946 and enclosure thereto -- with three translated copies.

1. In accordance with a verbal request from AFHQ, G-5 Section, a survey of the industries supplying arms to the Italian Royal Navy is forwarded herewith an enclosure (A).

2. The subject survey is an Italian Industries Naval Arms report submitted by the Ministry of Marine at the request of the Navy Sub-Commission. It is divided into two parts. Part I lists all the major arms industries of Italy which supplied the Italian Royal Navy with equipment and material during the war and gives pertinent data concerning these industries. It is assumed from the report that all these industries are convertible to peace time production. Part II lists the various equipment and departments in the industries listed in Part I, which are not convertible to peace time production.

3. Previous reports submitted by the Ministry of Marine have been found upon checking by the Navy Sub-Commission to be reliable. Information obtained by a Navy Sub-Commission Representative who visited certain of the establishments listed in enclosure (A) compares favorably with estimates provided by the Ministry of Marine in the subject survey. The report, therefore, is considered to be reasonably accurate.

Captain, U.S. Navy,
CHIEF, NAVY SUB-COMMISSION, AF.
Acting.

28 FEB 1946

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From: MINISTRY OF MARINE (Cabinet)
To : M.S.C. - M.C. - A.C.
Date: 26th February 1946
Ref.: B.2155

Subject: Re-activation of Italian Naval Arms Factories which
are not readily convertible to civilian use

1. With regard to your letter RSC/4619 dated 20th February and to your subsequent verbal request, the following are forwarded herewith :

a) - A list of the principal Italian Industrial Establishments which have produced arms or related materials for the I.R.N. during the war.
They are all readily convertible to civilian production and in almost all cases such production is already factual.

b) - A list of machinery and equipment installed in a few of the said establishments which can not be changed over readily to civilian production.

B. The lists are incomplete in part, because :

a) - Certain particulars were contained in records which have been taken away or destroyed as a result of war-time events.

b) - The control of this Ministry over the production of the Establishments ceased on 8th September 1943 because thenceforth all supplies were suspended.

Sgd. THE MINISTER

GENOA
Enclosure (A)

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Brooklyn

LIST OF INDUSTRIES IN GENOA AREA WHICH FURNISHED SUPPLIES & EQUIPMENT TO THE ITALIAN NAVY

1. S.I. ACCIATERIE di CORNIGLIANO (Steel Works)
Corso F.M. Perrone 20,
Genoa-Cornigliano

Artillery armor-plating; cannon tampons; high calibre shells; steel welding; metal-plating & laminating.

2. ACCUMULATORI "NIFE"
S.I.A.M.
Piazza della Vittoria 2-4
Genoa

Nickel plating

3. AGOSTINI, Elvino
Via A.C. Barrilli 13 r.,
Genoa

Construction of tooling machines

4. ANSALDO, Societa' Anonima
Stabilimento Artiglieria (Artillery Works)
Genoa

Manufacture of complete artillery installations (large, medium and small calibre)

5. ANSALDO, Societa' Anonima
DELTA Metallurgical Shops
Genoa

Compasses

6. ANSALDO, Societa' Anonima
Stabilimento Fessati (Drop hammer, press)
Genoa-Multedo

7. ANSALDO, Societa' Anonima
Stabilimento Elettrotecnico (Electrical Shops)
Genoa-Cornigliano

Manufacture of electrical machinery (motors, dynamos, alternators, etc); electrical ship installations; construction and installation of soleometri

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Enclosure (A)

GENOA INDUSTRIES SUPPLY ITALIAN NAVY (Cont)

8. ANSALDO, Societa' Anonima
Stabilimento Meccanico (Mechanical Shops)
 Genoa-Sampierdarena

Assembly of electrical machines (mechanical parts)

9. ANSALDO Societa' Anonima
Carpentry Shops - Stabilimento Carpenteria
 Genoa-Cornigliano

Manufacture protective plating for artillery;
 carpentry work involved in artillery installation

10. ANSALDO Societa' Anonima
Ghisa Foundries - Fonderie di Ghisa
 Genoa-Pegli

Welding for associated shops of Ansaldo

11. BRICETTO, Ernesto
Viadotto Via X Giugno
 Genoa

Automechanics - repairs

12. FIGLI BRUZZO
Ferriera (Iron Works)
 Genoa-Belzaneto

Metal plating & laminating

13. CAREPA & CAMPI
Via Tortosa 6
 Genoa

Flags, sails & canvas

14. CIOCI, Emilio
Via Sturla 4
 Genoa-Sturla

Special artillery parts; canvas and leather work
 (covers, boxes, etc.)

Enclosure (A)

GENOA INDUSTRIES SUPPLYING ITALIAN NAVY (Cont)

15. DE MICHELI, Giacomo
Corso Carbonara 2
Genoa

Mechanical precision shops
Manufacture compass covers

16. CAVIGLIONE E CALCAGNO
Via Maria SS Ausiliatrice 6
Genoa Pra'

Mechanical shops; repairs & carpentry for artillery

17. GARATTINI G.B.
Via Ausonio Vedovi 2
Genoa Rivarolo

Repairs to artillery; mfg. torpedo tubes, compressors, paravanes, and underwater gear in general; carpentry & motor repair

18. OFFICINA COSTRUZIONI MECCANICHE - (O.C.M.)
Via Pontevecchio 4 r.
Genoa-Sturla

General electrical gear; switches

19. E.I.M.I.E.
Via Lungobisagno d'Istria 33
Genoa

Manufacture electrical insulation parts ("Sigaleos"); mechanical gears; etc; reduction gear for torpedo tubes

20. VALENTE, Enrico
Via Giordano Bruno 26
Genoa

(Workshop destroyed)
Electrical installations on ships; installations for fire control

21. SAN GIORGIO Societa' Anonima
Officina di Genova Sestri (Genoa Sestri Shops)

(Majority of works decentralized) Fire control
electrical machinery, optical instruments, range
finders, binoculars, Elec. machinery (dynamos), etc.
Genoa Rivarolo Shops - torpedo tubes, compressors

Enclosure (A)

GENOA INDUSTRIES SUPPLYING ITALIAN NAVY (Cont)

22. VERDONI, Giuseppe
Via Maragliano 26 r.
Genoa

Electrical low-tension ship installations;
radio repair; screens and wireless apparatus

23. ELETTROTECNICA di G. Peroglio
Via Fontane
Genoa

ibid 22

24. I.L.A.S.
Via Luigi Montaldo 22
Genoa

Covers for artillery weapons & for optical
instruments & fire control, etc; binocular
cases, optical material

25. I.L.V.A.
Bolzaneto, Via G. Galano 1
Ira, Via G. Ratto
Castri, Via L. Cibrario 1
Voltri, Via Fratelli Noli

Metal plating, etc.

26. VERGATO BENNATI
Piazza De Marini 20 r.
Genoa

Sailmaking, etc.

27. RONCALLO E PASTORINO
Via S. Bartolomeo del Fossato,
Genoa

Mechanical shops; ship work on general underwater
gear.

28. E.T.N.A.
Via Lagoccio 28, Via Petrarca 2,
Genoa

Electrical ship installations

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Enclosure (A)

GEFCA INDUSTRIES SUPPLYING ITALIAN NAVY (Cont)

29. VIVALDI E. C.
Via Sura delle Grazie
Genoa

ibid 28

30. F/111 MORTO (Morteo & Sons)
Localita' Varenna
Genoa-Pegli

Zinc Works; metal plating, barrels, etc.

31. OFFICINE RADIO MANCONI
Via Varese 2
Genoa

Manufacture radio gear; ship radio repair & installation

32. DE BONIS Societa' Anonima
Punta Molo Giano
or/ Via Cavotti 2
Genoa

(Shops destroyed)
Mechanical and carpentry work for ships

33. MARILLI NICOLA Societa' Anonima
Via Brigata Liguria 33 r.
Genoa

Electrical machinery repair & installation

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File: A8-2

Serial: 058

11 May 1945

CONFIDENTIAL

From: Senior U.S. Naval Liaison Officer, Italy.
To: Commander U.S. Naval Forces,
Northwest African Waters.

Subject: Italian Navy, Reactivation of Genoa Area,
Survey of.

1. The Florence Representative of this command, in a recent survey of the Italian Navy activities, as well as the condition of Italian Naval ships and equipment in the Genoa area, has completed a primary survey of the port and its personnel.

2. On 3 May 1945 contact was established by the Florence Representative of this command with Captain Alessandro CORSI, Italian Liaison Officer, attached to the British Royal Navy Party "JIG". Captain CORSI declared that he had been empowered by the Italian Navy to organize a temporary screening center paralleling the Centro Marina at Florence, and that it was his intention to organize immediately. Through the British Navy the Italian have requisitioned a building at Corso Aurelio 5, and are planning to set up the Centro Marina at that address.

3. CORSI has located the following officers, and has placed them in his organization on a temporary basis, pending formal Italian Naval approval:

Capitano di Fregata	Emilio GARIAZZO Acting Chief of Staff.
Colonello (AN)	Mario PASETTI Formerly on duty in Genoa.
Ten.-Col. (GN)	Giuseppe MEDAIL Formerly on duty in Genoa.
Colonello di Porto	Filiberto RUFFINI Formerly Italian Captain of the Port of Genoa.

4. It should be pointed out that although CORSI is outranked by the members of his staff, he is, nevertheless, considered as the Senior Officer directing Italian Royal Navy activities at the present time.

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Serial: 058

11 May 1945

Subject: Italian Navy, Reactivation of Genoa Area, Survey of.

4. CORSI and his staff are attempting to locate all Italian Naval personnel for purposes of screening. They have further undertaken a rapid survey of existing port conditions, as well as an estimate of efficiency of Italian Navy technical industries previously under contract to the Italian Navy.

5. With respect to the officers mentioned in paragraph 3, the files of this command reveal the following:

a) CORSI, Alessandro

Began his naval career as a line officer, but due to permanent injury he was transferred about 10 years ago to the "Capitano di Porto", and in 1940 was placed on the inactive list. On 6 June 1944 British Naval authorities requested his reinstatement to active duty in order that he might serve as Liaison Officer for the Genoa Port Party. He speaks English very well and is married to an English woman.

b) GARIAZZO, Emilio

Considered a hydrographic expert.

c) PASETTI, Mario

Considered an artillery and ballistics expert.

6. The necessary structure for the establishment of liaison between this command and the Italian Liaison Officer has been set up by the Florence Representative.

7. This report was prepared by Lt. P. A. Alfieri, USNR.

J. L. CALLAN
By direction

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GENOA

File
(Muller)

File: A8-2

Serial: 059

11 May 1945

CONFIDENTIAL

From: Senior U.S. Naval Liaison Officer, Italy.
To: Office of Naval Intelligence.

Via: Commander U.S. Naval Forces,
Northwest African Waters.

Subject: Italian Shipping and Shipyards, Genoa,
Condition of.

Reference: (a) CNO Conf. Desp. to SENALUSIO; 022215;
May 1945.

1. The Florence Representative of this command, prior to the reception of Reference (a), was engaged in a preliminary survey of shipping conditions, port facilities, and naval technical industries in the Genoa area. It is therefore considered that Enclosure (A), which includes his initial survey, would prove of interest in evaluating the conditions in the Genoa area with respect to Merchant and Naval shipping immediately after the treaty with the Germans.

2. A precise list of Merchant ships of 1000 tons and over, with the condition of each, is now being prepared and will be forwarded as the information is received.

3. This report prepared by Lt. P. A. Alfieri, USNR.

J. L. CALLAN
By direction

3415

Enclosure (A)

PRELIMINARY SURVEY, SHIPPING, SHIP CONSTRUCTION & NAVAL TECHNICAL INDUSTRIES, GENOA AREA.

1. A preliminary survey, conducted on 4 May 1945 in Genoa and vicinity revealed that the following general situation prevails with respect to the leading shipyards and naval technical industries in the area.

I) Ansaldo Shipyards

This organization is in a very good state of efficiency. The retreating Germans did not destroy the buildings or the machines. The plant itself covers 140,000 square meters, and very little damage was observed as the result of our aerial bombardments. Only one serious hit could be located by this officer, and that on a relatively unimportant building.

Ships on the ways are completed including:

- 3 9,000 ton merchant ships, 80% completed, without motors.
- 3 Merchant ships, undetermined tonnage, still under construction.
- 1 10,000 ton merchant motor ship, FERRUCCIO BONAPACE, completed and commissioned.

This shipyard was constructing small landing barges, small river tug boats, and German submarine sections. With respect to these submarines, only the bow and the stern were constructed--no center section or motors. The submarines are the German Type 23. These sections were shipped to Germany upon completion and were assembled there. In the shipyard at the present time five (5) bow sections and three (3) stern sections are available. Construction plans have, however, been destroyed.

This plant has material and means to continue work, despite the fact that the Germans are reported to have taken 12,000 tons of steel over a one year period. Certain sections of the yard are mined.

II) Ansaldo Allentamento (Fitting-out Plant)

This division of the Ansaldo Shipyards fitted out all ships and small craft constructed in the Ansaldo Shipyards described in Roman (I) above.

Enclosure (A)

These works are in excellent condition at the present time. Certain sections have been mined, but the plant was seized before the mines could be armed. No machinery or raw materials was damaged, and it is estimated that operations can begin on a reasonable scale within a short while.

The Germans, however, did sink all available ships for blocking purposes. Among such ships identified were the following:

MAIORANA
GHIBLI
SCIROCCO
The # 354.

Ships observed to be still under construction are the following:

- 1 2,000 ton merchant motor ship;
almost completed.

M.A.S. # 525
In drydock, being repaired

- 2 Corvette motors, complete, are also available.

III) Odere-Terni-Orlando

This firm is also in very good condition. Although the Germans removed four large electric machines, they did not have time to destroy the buildings or other important machinery. The four machines removed have been located, according to reports still unconfirmed, on a railroad siding, north of the Po River in Italy.

This firm was employed in the construction of turbines, reduction machinery, pumps and auxiliary machinery. Four turbines were observed nearly completed for destroyer or light cruiser type of 3,000 tons. That tonnage was unconfirmed by official sources.

IV) San Giorgio Works

Upon a preliminary survey it would appear that this organization cooperated almost fully with the Germans. As a result of this, when the order to decentralize their work shops was issued by the German Command, they promptly obeyed,

Enclosure (A)

in contrast to other firms performing similar work in the same area. Consequently there is little remaining of the San Giorgio Works in Genoa, with the exception of empty buildings, which have not been appreciably damaged. Considerable raw material is on hand.

The plan of decentralization executed by the San Giorgio Works was as follows:

<u>Material</u>	<u>Moved to</u>
Electric and photo electric section	Cambiano (Torino)
Torpedo tubes and launching equipment	Vespolate (Novarra)
Electric motors and dynamos	Seragno (Milan)
Transformers, condensers	Andorno Micca (Biella Province)
Optical & telemetri	Merostica (Vicenza)
B.C.S. depth charges, optical & gun control devices (AA guns)	Ovada (3 estabs.) (Alessandria)
Optics & lenses	Legnano (Milano)
Optical instruments	Ceno (Milano)
Hydrostat transformers & mercury rectifiers	Acqui (Alessandria)
Sighting devices, optical instruments & binoculars	Campo Ligure (Genoa)
Sighting devices	Rossiglione (Genoa).

Still available in this plant are the following:

- 3 Turrets for 3,000 ton class destroyers or light cruisers, including range finders;
- 3 Electric engines for medium class and transport submarines;
- Metadyne device for magnetic minesweeping.

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This report prepared by Lt. P. A. Alfieri, USNR.

MILAN

MILANO (A)

LIST OF INDUSTRIAL ORGANIZATIONS IN
MILAN AREA
PRODUCING FOR ITALIAN NAVY

Lt Col Bradley

NAME	ADDRESS	MAJORAL PRODUCTS
ALDOREO BACCHINI	MILANO	Radio materials and
ANTONIOCAMICA MARILLI	C. So. Sordano, 93	miscellaneous instruments
ASSIAFONDI MILETTI.	MILANO	Ventilator installations
ALFA BAVAI	Dist. F. Vigentino, 39	Steel welding
	SESTO S. GIOVANNI	Centrifugal separators
	MILANO	
	Via Parnetti, 5	Electrical implements
ASMA	LANE	Explosives
ASMA	MILANO	
	Via P. Umberto, 20	Motor vehicles
ALFA ROMEO	MILANO	
	Via M. V. Trivani, 33	Automatic arms
BRIDA	BOSSCIA	Automatic arms
BRIDA	MILANO	
	Via Bordon, 9	Small arms
BRUTTA	GRONCHI V.T.	Boat fuses
BOULETTI	MILANO	
	Via Washington, 70	Electrical materials
BRUZZI	MILANO	
	Via Poma, 14-24	Weapons and projectiles
BRUNO	SESTO S. GIOVANNI	Anti-gas goods
BULBOCCI	MILANO	
	Via Praga, 1	Electrical machines
BROWN BEVERI	MILANO	
	P.le Lodi	Anti-in incendiary materials
BUSCHI	MILANO	
	P. via M. Da Ferri, 2	Electrical materials
CHIOI & PABINELLI	MILANO	
	Via M. Loria, 74	Steel cables
C I M A	INCOG	Ramp materials
CHS. ING. CANAPISSE	MILANO	
	Via Meravigli, 3	Electrical materials
CIGARSA	MILANO	
	Via M. Belfico, 13	Electrical materials
CASIMIRO	MILANO	
	Viale Sordano, 6	Softening agents
CANTUCCIO	MILANO	
	Via Giacobellina, 39	Misc. electrical instruments
CHP. CH. STRENTI	MILANO	Crystals
CHRYSTALLINE MILANO	TRIVIGLIO	Radio towers
CHP. IT. FUSORI ACCIAIO	MILANO-Via Bozzetta, 3	Elevating equipment
CHRYTTI & TAMPARI	MILANO	
	Bovian	Electrical machinery
CHP. CH. MILETTICITA	MILANO	
	Via Borgognone, 34	Weapons and projectiles
CHIDA	BASCHIO	

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SECRET (S)LIST OF INDUSTRIAL ORGANIZATIONS IN MILAN AREA
PRODUCING FOR ITALIAN NAVY

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<u>NAME</u>	<u>ADDRESS</u>	<u>MAJORIAL PRODUCTS</u>
CARF	MILANO	Mechanical goods
BRIMINK	C.so Sempione, 34 MILANO	Pipes, cylinders, tanks
STABILIMENTI CALMYER ELETTROMECCANICA LOMB.	Via S. Paolo, 18 CALMYER (Bergamo)	Pipes, cylinders, tanks Electrical machinery
FILF	INDUST. GIOV. FINE	Electric lights
FIOCCINI	INDUG	Explosives, primers, etc.
FREYET	MILANO	Railroad materials
FACHINI	MILANO - V	Motor engines
FARR. MAR. ARMI	V.le Carl. Maga, 7 BROSCIA	Arms
FALOX	Via Appollonio, 11 MILANO	Wheels and laminations
FIAT	C.so Matteotti, 4 MILANO	Motor vehicles
FIVAR	C.so Sempione, 55 MILANO	Radio tubes
GIUNIS	C.so Venezia, 5	Weapons and forgings
GALLIGO	INDUST. ARMI MILANO	Optical devices
GIOTTI	V.le Sgarbi, 39	Fuses
GILOSO	INDUST. S.A. (Brescia)	Radio
GIEMMA	MILANO	Motor vehicles
GIUNIS-RORE	ARONDI	Electric accumulators
IGOLA	MILANO	Electric insulators
IMMEXANTE	P.za A. Rov., 6 MILANO	Projectiles
ISOTTA FRANCHINI	Via Fottari, 81 MILANO	Weapons and motor vehicles
ILVA	LOVERO	Iron works
VIMI	MILANO	Radios
ILVA	C. Matteotti, 10 MILANO	Dress wires
LORENZINI	Via L. Muratori, 29	Ballistic cap fuses
LOREN BRATT	INDUST. ARMI MILANO	Explosives and caps
LAMINATOIO DI ARABISCO	Via Paleocapa, 4 INDUG	Chains and forgings
MARILLI PUGLIA	MILANO	Electrical machinery
MAGRINI	C. Venezia, 22	Electrical apparatuses
MONTI E MARTINI	INDUG	Electrical insulators
MARILLI MAGNITE	MILANO	Radio
METALURGICA BRESCIANA	Via Cavallotti, 41 INDUST. S. GIOVANNI BRESCIA	Tubes & projectiles

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EXHIBIT (A)LIST OF INDUSTRIAL ORGANIZATIONS IN MILAN AREA
PRODUCING FOR ITALIAN ARMY

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<u>NAME</u>	<u>ADDRESS</u>	<u>NATURAL PRODUCT</u>
ALAP	MILANO	Radio electric apparatus
OFFICINE MECCANICHE	Via I. Davinci	Motor vehicles
ORAM	MILANO	Light bulbs
OFFICINE MECCANICHE	Via Pavesi 1 cond., 18	Motor vehicles
(S.M.)	MILANO	Underwater weapons and barges
ORAM	Via Broggi, 4	Depth charges
ORAM	BUSCINA	Towing cables
ORAM	MILANO	Electric cables
ORAM	Via G. Agnelli, 4	Cinematography
ORAM	Via F. Crispi, 5	Electric light fuses
ORAM	MILANO	Shields and engravings
ORAM	Via Pastor, 22	Utensil machines
ORAM	MILANO	Rubber materials
ORAM	69 29 Ottobre, 100	Electric cables
ORAM	MILANO	Utensil works
ORAM	Via Rovereto, 3	Electrical goods
ORAM	MILANO	Reducers
ORAM	Via Bianca di Savoia, 18	Chains, nets and ladders
ORAM	MILANO (Factory)	Electric cables
ORAM	MILANO	Electrical goods
ORAM	F. sale Inghese, 15	Brass foundry and turbine parts
ORAM	MILANO	Motor compressors
ORAM	MILANO	Shells
ORAM	Via Fabio Filzi, 21	Electrical resistor fuses
ORAM	MILANO	Electrical goods
ORAM	Via De Dominicis, 45	Explosives
ORAM	BUSCINA	
ORAM	Via S. Francesco, 30	
ORAM	CANTILANEA	
ORAM	(Varese)	
ORAM	MILANO	
ORAM	Via Montebello, 52	
ORAM	MILANO	
ORAM	Via Agostini, 79	
ORAM	MILANO	
ORAM	Via Solari, 32	
ORAM	BUSCINA	
ORAM	Via G. D. Agnelli, 36	
ORAM	MILANO	
ORAM	V. le Monna, 355	
ORAM	BUSCINA	
ORAM	MILANO	
ORAM	Via G. B. Grassi, 97	
ORAM	MILANO	
ORAM	MILANO	
ORAM	Via Fr. Umberto, 20	

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ENCLOSURE (A)LIST OF INDUSTRIAL ORGANIZATIONS IN MILAN AREA
PRODUCING FOR ITALIAN NAVY

<u>NAME</u>	<u>ADDRESS</u>	<u>MATERIAL PRODUCED</u>
S.A.F.A.R.	MILANO	Radio and electric acoustics
SALIMIRAGHI	Via Bassini, 15 MILANO	Optical apparatuses
S.I.P.E.	Via R. Sansio, 5 MILANO	Explosives
SCAINI	C ^o Umberto, 27	Electrical accumulators
S.G.E.M.	SESTO S. GIOVANNI	Explosives
PEREGO	PAINO (Factory) MILANO	Telephones
TOSI	Via Salaino, 10 LEGHANO	Dynamo and alternating turbines, torpedo tubes, torpedoes.
TELEMECANICA ELETTRICA	MILANO	Electrical fixtures and apparatuses
TRAFILUNGIE CONDENSEE ITALIANE	Via Montefeltro, 10 MILANO	Steel chains and nets
VANZETTI	Via Scarlatti, 22 MILANO	Steel foundry
VANCOSI	Via Fr. Nervosa, 1 D.	Electrical materials
OSMA (Valsecchi)	Via Olis, 12 MILANO	Underwater barrage material
	Via Monte di Pietà, 1	

From Mr. [unclear] (13.11.45)
12.1.46 [unclear]

FLORENCE

Enclosure "A"

**SITUATION REPORT ON INDUSTRIAL ESTABLISHMENTS OF NAVAL INTEREST IN FLORENCE ZONE
AS OF 1 APRIL 1945.**

NAME OF FIRM	ADDRESS	PARTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Galileo	Via Carlo Bini 44(Florence)	Society of Adreatic-electro Company with branches in Venice.	Optical & precision instruments.

ACTUAL SITUATION

A good portion of the machines were transferred to the Veneto. The rest damaged. Has a group of 400 workers & can be enlarged to the capacity of 1000 worker. Again in operation. Part of damaged section was requisitioned by the ALLIES for repairing trucks & vehicles.

NAME OF FIRM	ADDRESS	PARTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Pignone	Via Panciatichi 57 Rifredi	Private	Torpedoes (underwater) anti-tank mines, flame throwers, helmets, metal works, motors of oil, compressors of air and gas, farming & textile equipment.

ACTUAL SITUATION

Following damages suffered 80% of the walls, 80% of the windows, 40% of electrical installations. Most of the machines were taken out of the plant.

400 workers & can be enlarged to the capacity of 1000 workers. Again in operation. Part of damaged section was requisitioned by the ALLIES for repairing trucks & vehicles.

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Fignone	Via Panciatichi 57 Rifredi	Private	Torpedoes (underwater) anti-tank mines, flame throwers, helmets, metal works, motors of oil, compressors of air and gas, farming & textile equipment.

ACTUAL SITUATION

Following damages suffered 80% of the walls, 60% of the windows, 40% of electrical installations. Most of the machines were taken out of the plant.

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NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Metallotecnica	Via F. Baracca 132 (Florence)	Society with Shares	Construction & repairing of mechanical, electro-mechanical, electro-acoustic & radio-technical apparatus.

ACTUAL SITUATION

Efficient - Undamaged and intact.

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Enclosure "A"

SITUATION REPORT ON INDUSTRIAL ESTABLISHMENT OR NAVAL INTEREST IN FLORENCE ZONE
AS OF 1 APRIL 1945.

- Continued -

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Pensari	Piazza G Parrucchi 1 Florence	Private	Precision Instruments
			<u>ACTUAL SITUATION</u>
			Efficient - undamaged and intact.
NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Cayruini Bacconi	Via Delle Panchie Florence	Society of Accomadite Samplee	Construction of electro- mechanical machines.
			<u>ACTUAL SITUATION</u>
			Its production efficiency reduced to 50%. Many machines taken out of plant.
NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Falchetti & P. 111	Via Palazzo da Palestina 14 Florence	Private	Construction of iron in general, metal sheeps and presses.
			<u>ACTUAL SITUATION</u>
			Intact.
NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED

Capraia
Bacani
Via Delle
Fauche
Florence
Society of Accomedita
Semple
Construction of electro-
mechanical machines.
ACTUAL SITUATION
Its production efficiency
reduced to 50%. Many
machines taken out of
plant.

NAME OF FIRM ADDRESS RELATING TO THE R.I.N. ARTICLES PRODUCED OR PRIVATE CONCERN.
Palchetti &
F.lli
Via Palazzo
da Palestina 14
Florence
Construction of lyes in
general. Metal shops and
presses.
ACTUAL SITUATION
Intact.

NAME OF FIRM ADDRESS RELATING TO THE R.I.N. ARTICLES PRODUCED OR PRIVATE CONCERN.
Savino
Via Manzoni 9
Florence
Via Ricci 11
Castello
Controlled by the Italian
Navy.
Optical & semi-optical
lenses.
ACTUAL SITUATION
Intact.

NAME OF FIRM ADDRESS RELATING TO THE R.I.N. ARTICLES PRODUCED OR PRIVATE CONCERN.
Muzzi
Via G. Manzoni 9
Private
Production of Diesel
motors & mechanics in
general.
ACTUAL SITUATION
Intact. Requisitioned by
FF.AA.

Enclosure "A"

SITUATION REPORT ON INDUSTRIAL ESTABLISHMENTS OF NAVAL INTEREST IN FLORENCE ZONE
AS OF 1 APRIL 1945.

- continued -

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Burelli	Via Campofiore Private 100 Florence		Precision mechanical apparatus

ACTUAL SITUATION

Intact.

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN	ARTICLES PRODUCED
Superpila	Via R. Galluzzi Society with shares 16 Florence		Electric apparatus

ACTUAL SITUATION

Slight damages; plant has
been requisitioned by the
ALLIES.

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Nobel SOM	Via Carmignano Montecatini		Explosives

ACTUAL SITUATION

Badly damaged. Requisitioned
by the ALLIES.

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
Boschi and Cinelli	Via Del Ponte Cooperation 50 Florence		Mechanical and electro- mechanical apparatus of medium & small sizes, also

Superyila
Via R. Galluzzi Society with Shares
16
Florence

Electric apparatus

ACTUAL SITUATION

Slight damage; plant has been requisitioned by the ALLIES.

ARTICLES PRODUCED

Nobel
SOM
Via Camignone Montecatini

Explosives

ACTUAL SITUATION

Badly damaged, requisitioned by the ALLIES.

ARTICLES PRODUCED

Boschi and
Cinelli
Via Del Romito Cooperation
30
Florence

Mechanical and electro-
mechanical apparatus of
medium & small sizes, also
of medium & precision size.

ACTUAL SITUATION

Intact.

ARTICLES PRODUCED

S.M.I.
Campo Tizzoro Private
Machine Pistols

Copper & brass sheet metal
cartridges of large &
small calibre, fuses &
fulminated fuses, instru-
ments for precision
measuring.

ACTUAL SITUATION

Efficient. Most of the machinery to
produce 12,7/20 cartridges were
taken out.

Enclosure "A"

SITUATION REPORT ON INDUSTRIAL ESTABLISHMENTS OF NAVAL INTEREST IN FLORENCE ZONE
AS OF 1 APRIL 1945.

- continued -

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
S.M.A. Segnalamento Marittimo Aereo	5 Via Martelli Private		Production of buoy signal illuminators; Lenses for lights such as search- lights.

ACTUAL SITUATION

Intact

NAME OF FIRM	ADDRESS	PERTAINING TO THE R.I.N. OR PRIVATE CONCERN.	ARTICLES PRODUCED
S.M.I.	Portofino di Barge	Private	Sheeting, shaping, tubing, stranding of nickel, and copper also heavy alioids. Cartridge cases for heavy guns. Small shells calibre 20, 37/84, 40/38. Pottery aluminum, copper, nickel, electrical appliances, precision screws, various manufactured articles, electrical conductors, bare copper, brass, aluminum conductors & alioids of similar metals.

ACTUAL SITUATION

Machines are all taken ap-
art. Need to put together
again. All machinery intact.
Machinery for light
calibre cartridges shell
taken out.

ARTICLES PRODUCED

PERTAINING TO THE S.I.M.
OR PRIVATE COUSIN.

S.M.I. Thomas H. Private
Bayer

Sheeting, shaping, tubing,
stranding of nickel, and
copper also heavy alloys.
Cartridge cases for heavy
guns. Small shells calibre
20, 37/54, 40/59. Pottery
aluminum, copper, nickel,
electrical appliances,
precision screws, various
manufactured articles,
electrical conductors,
bare copper, brass, aluminum
conductors & alloys of
similar metals.

ACTUAL SITUATION

Machines are all taken ap-
art. Need to put together
again. All machinery intact.
Machinery for light
calibre cartridge shell
taken out.

* 3103

MSC/4671
1 March 1946

From: Navy Sub-Commission, Hq. Allied Commission.
To : Ministry of Marine, Rome.
Subject: Supply of Rifle Parts for the Italian Navy.
References: (a) Ministry of Marine ltr. S1/26079 of 23 November 1945.

1. The Navy Sub-Commission has been informed by higher authority that it is planned to transfer considerable stocks of Italian weapons, including automatic rifles, to the custody of the Italian government in the near future. In view of the size of these stocks, and the stocks of weapons already in Italian hands, it is considered that ample automatic weapons should be available to meet the needs of the Italian Navy.

2. It is considered, therefore, that it will be unnecessary for the Ministry of Marine to procure spare parts from the National Arms Factory, for the completion of certain rifles in Taranto, as requested in reference (a).

Captain, U.S. Navy
CHIEF, NAVY SUB-COMMISSION, AC.
Acting.

1 MAR 1946

3102

Office of the Commander-in-Chief,
Mediterranean Station.
18th February, 1946.

Med.46/1352/20/1

THE NAVY SUB.COMMISSION, HEADQUARTERS, ALLIED COMMISSION

REQUEST FOR BERETTA (9 CALIBRE) AUTOMATIC RIFLES BY
MINISTRY OF MARINE.

With reference to your letters Nos. NEC/4268 and NSC/4267 dated 18th December, 1945, information has been received from A.F.H.Q. that it is planned shortly to transfer to the control of the Italian Government, considerable stocks of Italian Weapons (including automatic muskets) and other equipment at present held in CEM dumps.

2. A report on the size of these stocks has just been received by A.F.H.Q. and it is considered that together with stocks already in possession of the Italian Government, they should be sufficient to meet, in addition to other requirements, the needs of the Italian Navy. It will then be for the Italian Government to decide priorities as advised by Allied Commission.

3. It is requested therefore, that the Ministry of Marine may be instructed to examine with the Italian Government whether the necessary muskets cannot be made available from existing resources rather than have them manufactured unnecessarily.


for ADMIRAL

3101

Office of the Commander-in-Chief,
Mediterranean Station,
18th February, 1946.

Med.46/1352/20/1

THE NAVY SUB.COMMISSION, HEADQUARTERS, ALLIED COMMISSION

DUPLICATE

REQUEST FOR BERETTA (9 CALIBRE) AUTOMATIC RIFLES BY
MINISTRY OF MARINE.

With reference to your letters Nos. NSC/4268 and NSC/4267 dated 18th December, 1945, information has been received from A.F.H.Q. that it is planned shortly to transfer to the control of the Italian Government, considerable stocks of Italian Weapons (including automatic muskets) and other equipment at present held in CEM dumps.

2. A report on the size of these stocks has just been received by A.F.H.Q. and it is considered that together with stocks already in possession of the Italian Government, they should be sufficient to meet, in addition to other requirements, the needs of the Italian Navy. It will then be for the Italian Government to decide priorities as advised by Allied Commission.

3. It is requested therefore, that the Ministry of Marine may be instructed to examine with the Italian Government whether the necessary muskets cannot be made available from existing resources rather than have them manufactured unnecessarily.

(Sgd.) H. A. PACKER

for ADMIRAL

NSC/4566
7 February 1946

From: Navy Sub-Commission, Hq. Allied Commission.
To : Commander-in-Chief, Mediterranean.
Subject: Supply of Rifle and Rifle Parts for Italian Royal Navy.

1. An early reply to NSC/4267 dated 18 December 1945 would be appreciated.

G. F. MENTZ,
CAPTAIN, U. S. NAVY,
FOR REAR ADMIRAL
CHIEF, NAVY SUB-COMMISSION, AC.
for CHIEF COMMISSIONER.

18 FEB 1946

WS1-4
305900

HEADQUARTERS ALLIED COMMISSION
Navy Sub-Commission APO 394

NSC/4267
18 December 1945

From: Navy Sub-Commission, Hq. Allied Commission.
To: Commander-in-Chief, Mediterranean.
Subject: Supply of Rifles and Rifle Parts for Italian Royal Navy.
Enclosure: (A) Copy Ministry of Marine ltr SM/26079 of 23 November 1945, w/c Encl. 1.
(B) Copy Ministry of Marine ltr SM/27523 of 11 December 1945.

1. Enclosure (A) is forwarded herewith for information.
2. In view of AFHQ Directive AG 388.3/087 GEG-O, paragraph 4(d), last sentence, it would be appreciated if the Navy Sub-Commission could be informed of the Commander-in-Chief, Mediterranean's decision on the above subject so that an appropriate answer may be made to the Ministry of Marine.
3. Enclosure (B) contains pertinent data concerning the dates of and authority for the manufacture of the subject material.

H. W. ZIROLI,
COMMODORE, U. S. NAVY,
FOR REAR ADMIRAL
CHIEF, NAVY SUB-COMMISSION, AC,
For CHIEF COMMISSIONER.

14 JAN 1946

W 51-4

MINISTRY OF MARINE

NSC/AC

IMPORTANT U/C

RE: MINISTRY OF MARINE SM/26079 OF 23rd NOVEMBER.
REQUEST INFORMATION AS TO DATE SPARE PARTS WERE ORDERED, ON
WHOSE AUTHORITY AND APPROXIMATE DATES PARTS WERE MANUFACTURED.

== 031120A DEC ...

DIST. 0-5, 13, 16, LOG, NSC (4).

F/P

F/L

TOB 1130

LAG

3/12

3011

S. 1320b.

NAVAL MESSAGE.

(GV130) WL 16739/197812 9621 P. 10. 7. 42. U. & S. Ltd. 51-9205.

For use in
Signal
Department
onlyOriginators Instructions
(Indication of Priority,
Intercept Group, etc.)~~UNCLASSIFIED~~ - URGENTCodres/Plaindres
UNCLASSIFIEDNo. of
Groups

TO:

MINISTRY OF MARINE

FROM:

NSC/AC

A
C
C
R
O
S
S

REF MINISTRY OF MARINE SM/26079 OF 23 NOVEMBER X REQUEST
 INFORMATION AS TO DATE SPARE PARTS WERE ORDERED COMMA ON
 WHOSE AUTHORITY AND APPROXIMATE DATES PARTS WERE MANUPAC-
 TURED XX

W
R
I
T
EOriginated by: 031120 H DFC
LBReleased by: Alamir

System

P/L Code or Cypher

Receipt

Time of
Despatch

Operator

P.O.O.W.

Date

30/11

Mod. 40



Stato Maggiore della R. Marina

Roma 11 DIC. 1945

NAVY SUB COMMISSION

Rep. M.D.S. Uff. E.D.

S E D E

INDIRIZZO TELEGRAFICO MARISTAT - ROMA

Det. N. 11/25/23 Allegato

ARGOMENTO: Fornitura moschetti e parti di ricambio per moschetti - S.A. Fabbrica Nazionale d'Armi Brescia.

Riferimento al tele di codesta N.S.C. senza numero, in data 3 corrente.

Le parti di rispetto per moschetto, oggetto del foglio di questo Maristat S.M./26079 del 23.11.1945, sono state com- messe alla Fabbrica Nazionale d'Armi di Brescia da Marinarmi Taranto con ordine n. 159498/1947 del 23 gennaio 1943 e sono state costruite prima dell'armistizio.

Esse risultano già totalmente pagate.-

IL CAPO DI STATO MAGGIORE

Faccione

From: MINISTRY OF MARINE (Maristat)
To : N.S.C. - Rome
Date: 11th December 1945
Ref.: SM/27525

Subject: Supply of rifles and spare rifle parts - National
Arms Mfg. Co. Brescia.

Reference is made to your unnumbered signal of 3rd instant.

The rifle parts which are the subject of our letter SM/26079 of 23rd November 1945, were ordered from the National Arms Mfg. Co. at Brescia by Marinaarmi Taranto under demand No. 159698/1947 of 23rd January 1943, and they were manufactured before the Armistice.

Full payment has already been made.

for CHIEF OF STAFF

GGE/P.

3083

From: MINISTRY OF MARINE (Maristat)
To : M.S.C. - Rome
Date: 23rd November 1945
Ref.: SM/26079 - Encl. No.1

Subject: Supply of rifles and rifle-parts - National Arms
Mfg. Co. Ltd., Brescia.

1. At the National Arms Factory there are spare parts for rifles, already fully manufactured in compliance with an order from the I.R.N., and others which are partly manufactured (also made to I.R.N. order), by means of which 5000 - x - 6.5. rifles could be completed.

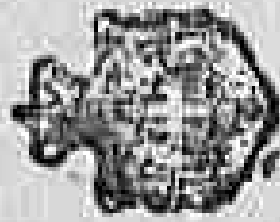
The above materials are listed in the attached note.

2. It is requested that this Staff may be authorised to order the despatch to Taranto of the above-mentioned materials and the mounting in that base of the weapons in question.

for CHIEF OF STAFF

GGG/P.

3005



23
ma, Novembre 1945

STATO MAGGIORE DELLA R. MARINA

ALLA NAVY SUB COMMISSION

S E D E

REPARTO M.D.S. = B.D.

Prot. N. SM/26079
Indir. teleg. / MARISTAT

Allegati 1

Argomento: Forniture moschetti e parti di ricambio per moschetti - S.A.

Fabbrica Naz.Armi - Brescia. =

I. - Presso la Fabbrica Nazionale d'Armi esistono parti di rispetto per moschetti già finiti e costruiti in base ad ordinazione della R.Marina e semilavorati (costruiti pure in base ad ordinazione della R.Marina) per mezzo dei quali potrebbero essere portati a termine circa 5.000 moschetti da 6,5.

I materiali suddetti sono elencati nel notamento allegato.

2. - Si prega voler autorizzare questo Stato Maggiore a disporre la spedizione a Taranto dei materiali suddetti ed il montamento in quella Sede delle armi di cui trattasi. =

IL CAPO DI STATO MAGGIORE

Alcam

Argomento: Fornitura moschetti e parti di ricambio per moschetti - S.A.
Fabbrica Naz.Armi - Brescia. =

I. - Presso la Fabbrica Nazionale d'Armi esistono parti di rispetto per moschetti già finiti e costruiti in base ad ordinazione della R.Marina e semilavorati (costruiti pure in base ad ordinazione della R.Marina) per mezzo dei quali potrebbero essere portati a termine circa 5.000 moschetti da 6,5.

I materiali suddetti sono elencati nel notamento allegato.

2. - Si prega voler autorizzare questo Stato Maggiore a disporre la spedizione a Taranto dei materiali suddetti ed il montamento in quella Sede delle armi di cui trattasi. =

IL CAPO DI STATO MAGGIORE
LACCORNI

3004

COPIA

List of spare rifle parts

ELENCO PARTI DI RICAMBIO PER MOSCETTI

Quantità

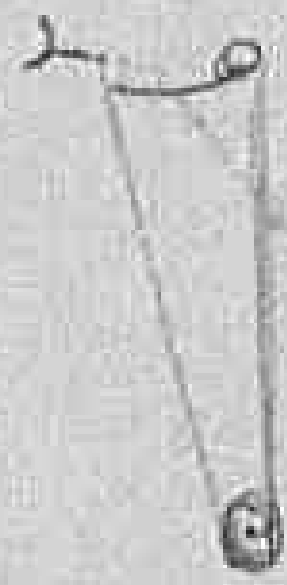
Denominazione

2000	Elevatori	magazine spines
1500	ganci	thing attached to
500	Serbatoi	magazine
500	Tubi ant.	linder bushes, front
500	"	post "
500	"	bocch. rear sight
500	zoccoli	spacers bed.
1000	denti	caliber
500	cilindri	cylinder
200	culatte complete	complete bulks
500	ritti alzo	spike rifling
500	fondelli	—
2000	viti bocch.	pinion for plunger
500	traversini	rifle stock & block
500	viti ant.	fore receiver
1000	"	post. back sight
1000	ghiere mir.	fore sight
500	perni alzo	pinion back sight
500	"	bilanc. trigger mechanism
500	magliette	thing for plunger
500	calcioli	bullets
200	culatte	rifle bulks
200	canne	barrels
200	casce	rifle stocks
1000	bacchette	—
200	otturatori	bulks
2000	scovoletti	cleaning rod brushes
1500	bacchette	rod, cleaning
500	serbatoi	magazines

" 200
 " 500
 " 500
 " 2000
 " 500
 " 500
 " 1000
 " 1000
 " 500
 " 500
 " 500
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 " 200
 " 1000
 " 200
 " 2000
 " 1500
 " 500

culatte complete complete tube
 ritti alzo stock right
 fondelli
 viti booch. screws for flying for screws
 traversini rifle stock stock break
 viti ant. rifle screws
 " post. rifle screws
 ghiera mir. brought
 perni alzo rifle stock
 " bilanc. trigger mechanism front
 magliette rifle trigger
 calcioli trigger bolts
 culatte rifle bolts
 canne barrels
 casse rifle stocks
 bacchette
 otturatori bolts
 scovoletti cleaning tool brushes
 bacchette tool, cleaning
 serbatoi magazines

3093



LA SPEZIA

File: A8-2

Serial: 054

8 May 1945

CONFIDENTIAL

From: Senior U.S. Naval Liaison Officer, Italy.
To: Director Naval Intelligence.

Via: Commander U.S. Naval Forces
Northwest African Waters.

Subject: Italian Navy, Technical Manufacturing Centers
in La Spezia, Condition of.

References: (a) Secret ltr. CNO to SUSNIOI; Serial:
008047; dated 3 Feb. 45; Subj.: Ten-
tative Plan for the Exploitation of
Italian Naval personnel and Material
to the Benefit of the U.S. Navy.

1. The Florence Representative of this command has completed a primary survey of those industrial establishments in La Spezia which had produced technical equipment for the Italian Navy. This tour was made in company with a technical representative from the Naval Technical Mission in Europe.

2. Enclosure (A) summarizes the condition of the leading industrial establishments as reported by the Florence Representative of this command.

3. Further and more detailed information will be forwarded when received, in accordance with Reference (a).

Prepared by:Forwarded by:

JAMES F. MURRAY, JR.
Lieutenant, USNR

J. L. CALLAN
Captain, USNR
By direction

3092

WSI - 4

Enclosure, (A)

CONFIDENTIAL

Subject: Situation of Naval Technical and Industrial Establishments, La Spezia.

1. The Pico Borgiacchi Company

All machinery devices and buildings have been destroyed by the retreating Germans. Explosives were attached to each machine in such a manner that the force of the percussion would damage the most vital part.

The torpedo tubes, mines, and other like devices were similarly destroyed. All 10-inch guns in the foundry were cut with blow torches. This company is estimated as 75% wrecked.

2. Societa Anonima Borgiacchi - Renzo

At one time this firm constructed catapults for navy planes (compressed air type), as well as minesweeping winches and other equipment. They also repaired turbines and other electrical gear.

The Germans destroyed all machinery and damaged the shop itself.

A model of the catapult plane for the Italian cruiser CADORNA is still intact. This type catapult was designed for ships which had little space for such apparatus. It was never constructed.

3. Oder-Terni-Orlando

The greater part of the machinery in the artillery and naval gun section has been removed by the Germans. 320 of these were reported transferred to Lovere (Garda).

All naval armament was removed by the Germans during the period from March to June 1944, and no work was done after the latter date. All monographs were removed to north Italy.

The buildings and facilities have been 75% destroyed. It is estimated that perhaps 200 of the remaining machines have been repaired and put back in use.

Enclosure (A)

CONFIDENTIAL

Prior to its destruction this firm was engaged in the construction of the following type guns:

- 381 mm. "Littorio" type guns.
- 135/45 mm. "Pompeo Magno" type guns.
- 100/47 submarine and destroyer type guns.
- 120/50 cruiser and destroyer type guns.

4. Dall'Olio Learte and Sons

This small firm constructed depth charges prior to the war. Minor repairs to vessels were also carried out.

Present state of efficiency is estimated at about 50%.

5. Fassio Company - Steel Welding & Salvage Works

This organization managed to hide considerable material which, when recovered, will enable it to resume operations within a short time to about 70% of its previous efficiency.

6. Officine Galileo

This plant formerly repaired fire control apparatus and precision optical instruments.

It has been badly damaged by the Germans. Estimate of destruction is 80%.

7. Museo Tecnico Navale

This had formed a part of the Italian Naval Arsenal within the port area. It was an historical more than a technical museum. Largely destroyed by aerial bombing.

8. Cantieri Ceretti Pietro

This ship yard, located at Portovenere, has largely escaped damage.

Three tugs are now located and in operating condition.

TURIN

Bouding

File: AG-2

17 May 1945.

Serial: 069

CONFIDENTIAL

From: Senior U.S. Naval Liaison Officer, Italy.
To : Director of Naval Intelligence.
Via : Commander U.S. Naval Forces, Northwest African Waters.
Subject: Italian Navy, Naval Technical Industries, Turin Area.
Reference: (a) Secret ltr. from GNO to SUBNLOI, Ser.008047, dtd.
3 Feb.1945; Subj: Tentative Plan for the Exploitation
of Italian Naval Material and Personnel to the Benefit
of the United States Navy.
Enclosure: (A) List of leading Naval Technical firms formerly
operating for Italian Royal Navy.

1. The Florence representative of this command has compiled
Enclosure (A) from advanced Italian liaison elements in the Turin area.
It embraces a brief consideration of the organization and manufacturing
specialties of the more important naval industrial establishments in the
Turin area.

2. Comments on the efficiency and present condition of each
factory are given where available.

3. Further information and similar material is being compiled
in accordance with reference (a).

Prepared by:

PAUL A. ALPIERI,
Lieutenant, USNR.

Forwarded by:

J. L. CALLAN,
Capt., USNR,
By direction.

copy to:
NavTechMiaBu.

3089

WS I-4

ENCLOSURE (A)NAVAL INDUSTRIAL ESTABLISHMENTS, TURIN.I. THE FIAT COMPANY (TURIN):

This organization manufactured extensively for the Italian Royal Navy. Its Naval Section, under the direction of Engineer Arnaldo Fogagnolo, was divided as follows:

(a) Stabilimento Grandi Motori (Turin) - This section constructed diesel engines for submarines, merchant ships, and ocean liners. It is presently 100% efficient and has considerable raw material on hand. It was never under German control.

(b) Societa Commerciale di Navigazione (Turin) - This organization was considered the Fiat navigation company and acted as agent in the construction of ships by other companies for the Fiat group. This organization gave direct orders to the shipyards concerned.

(c) SIDARMA (Venice) - This organization was also a navigation company for Fiat and was 50% owned by the larger Fiat combine.

(d) Cantieri Riuniti Adriatici - Fiat exercised only a financial interest and control in this section. It was used by Fiat to sell engines to the owners of various ships being constructed in the Adriatica shipyards.

(e) Silurificio Whitehead (Fiume) - Only a Fiat commercial interest. This company is now decentralized and no longer operates in Fiume itself. One decentralized section is in Fiume-Veneto while the other has been moved to Taranto (Urine).

(f) COMISA (Venice) - This is a subdivision of SIDARMA group mentioned in sub-section (c) above. It is 50% owned by Fiat and specializes in naval salvage work.

II. MANIFATTURE MARTINI (TURIN):

This organization constructed insulating devices for Italian Navy ships. Besides furnishing such material, it also sent trained insulator experts to equip and install such equipment aboard Royal Navy vessels.

III. MICROTECNICA PRECISION INSTRUMENT COMPANY (TURIN):

This company under the direction of Nicola Aliotti has now been decentralized and is now in three sections all of which are 100% efficient without having suffered any demolitions.

ENCLOSURE (A)NAVAL INDUSTRIAL ESTABLISHMENTS. TURIN.I. THE FIAT COMPANY (TURIN):

This organization manufactured extensively for the Italian Royal Navy. Its Naval Section, under the direction of Engineer Arnaldo Fogagnolo, was divided as follows:

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This company under the direction of Nicola Aliotti has now been decentralized and is now in three sections all of which are 100% efficient without having suffered any demolition:

ENCLOSURE (A)NAVAL INDUSTRIAL ESTABLISHMENTS, TURIN

-2-

(a) Turina Plant - Constructed cinematic instruments for commercial use only. Also built telobussolo, which is an aviation compass also adopted for small naval vessels. Automatic aviation pilot mechanisms and other electro-mechanical devices were made here.

(b) Pinerolo Plant - This section constructed all naval material for the larger company as well as the automatic plane pilot, gyro pilots, torpedo gyroscopes, compasses, course indicators, and other instruments.

(c) Lucerna San Giovanni - Constructed aviation radios and cinematic devices for commercial use.

3086

HEADQUARTERS, ALLIED COMMISSION
Navy Sub-Commission APO 394U R G E N TNSC/3435
31 August 1945.

From: Navy Sub-Commission, Hq. Allied Commission.
To : Ministry of Marine, Rome.
Subject: List of I.R.N. Factories, Arsenals, Depots and
Dumps - Government and Private Owned.

1. It is requested that the Ministry of Marine supply the Navy Sub-Commission with the following list of factories, arsenals, depots and dumps which supply, manufacture and/or store materials and equipment for the Italian Royal Navy;

- a) 30 largest and most important Government owned.
- b) 20 largest and most important owned jointly by the Government and private interests.
- c) 20 largest and most important private owned.

2. It would be appreciated if the following information could be supplied with the above lists of factories, arsenals, depots and dumps,

- a) name.
- b) location.
- c) Name of Director or personnel in charge.
- d) Short general description giving approximate capacities and principal equipment manufactured or stored.

(Sgd) G. E. WARREN
REAR ADMIRAL
CHIEF, NAVY SUB-COMMISSION, AC.



1 SEP

WSI-456-4
150-1079

3085

471020 10 15

ELENCO FABBRICHE DELLA R. MARINA, FABBRICHE DI MUNIZIONI,
MACAZZINI E DEPOSITI DI PROPRIETA' GOVERNATIVA E PRIVATE

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A) PROPRIETA' GOVERNATIVA

- 1) - Direzione Costruzioni Navali e Meccaniche dell'Arsenale di Taranto
 - Direttore: Col. G.N. BATTIGELLI Italo
 - Operai circa 4.500
 - Riparazioni Navi e apparati motori, depositi, parti di rispetto e dotazioni di consumo relative.
- 2) - Direzione Costruzioni Navali e Meccaniche dell'Arsenale di SPEZIA
 - Direttore: Col. G.N. ZAMBON Ugo
 - Operai circa 4.000
 - Riparazioni navi e apparati motori, depositi, parti di rispetto e dotazioni di consumo relative
 - (Attualmente ridotta al 30% della sua capacita' per danni di guerra).
- 3) - R^a Cordieria di CASTELIANNARE
 - Direttore: T.Col. G.N. VERDE Vincenzo
 - Operai circa 450
 - Fabbrica e depositi cordoni, spaghi e materiali analoghi in canapa.
 - (Attualmente ridotta al 60% della sua capacita' per danni di guerra).
- 4) - Direzione del Munizionamento TARANTO
 - Direttore: Cap. di Vasc. AIMONE
 - Operai circa 1.400
 - Confezionamento cariche e cartucce
- 5) - Direzione del Munizionamento di LA SPEZIA
 - Confezionamento cariche e cartucce = distrutte
- 6) - Direzione Armi ed Armamenti Navali di VEREZIA
 - Direttore: Col. A.N. GERUNDO
 - Operai circa 2.500
 - Confezionamento cariche e cartucce = costruzione di affusti di artiglierie

7) - Direzione Armi ed Armamenti Navali di FOIA

- Riparazioni navi e apparati motori, depositi, parti di rispetto e dotazioni di consumo relative
- (Attualmente ridotta al 30% della sua capacità per danni di guerra).

- 3) - R^a Corderia di CASSELLIAMARE
 - Direttore: T.Col. G.N. VERDE Vincenzo
 - Operai circa 450
 - Fabbrica e depositi cordoni, spaghi e materiali analoghi in canapa.
 - (Attualmente ridotta al 60% della sua capacità per danni di guerra).
- 4) - Direzione del Munizionamento TARANTO
 - Direttore: Cap. di Vasc. AIMONE
 - Operai circa 1.400
 - Confezionamento cariche e cartucce
- 5) - Direzione del Munizionamento di LA SPEZIA
 - Confezionamento cariche e cartucce = distrutte
- 6) - Direzione Armi ed Armamenti Navali di VENEZIA
 - Direttore: Col. A.N. GERUNDO
 - Operai circa 2.500
 - Confezionamento cariche e cartucce = costruzione di affusti di artiglieria
- 7) - Direzione Armi ed Armamenti Navali di POLA
 - Circa 1.000 operai
 - Confezionamento cariche e cartucce
 - (Non vi sono Autorità Italiane)
- 8) - Direzione Armi ed Armamenti Navali di TARANTO
 - Direttore: Col. A.N. MICHELONI
 - Operai circa 1.400
 - Conservazione e riparazione armi navali di ogni genere.
- 9) - Direzione Armi ed Armamenti Navali di LA SPEZIA
 - Direttore: T.Col. A.N. DERCHI
 - Operai circa 1.900
 - Conservazione e riparazione armi navali di ogni genere.
 - (In gran parte inefficiente)
- 10) - Direzione Armi subacquee di TARANTO
 - Direttore: T.Col. A.N. PICONE
 - Circa 1.000 operai
 - Conservazione e riparazione delle armi subacquee

3084

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- 11) - Direzione Armi subacquee di LA SPEZIA
 - Conservazione e riparazione delle armi subacquee = Distrutta.

B) PROPRIETA' MISTA

Negativo

C) PROPRIETA' PRIVATA

1) - ANSA LDO S.A. - GENOVA
 - Costruzioni Navali e apparati motori

- Direttore: Ing. BANDETTINI Alfonso

- Costruzione di Navi d'ogni dimensione e loro apparati motori

2) - F.I.A.T. Grandi Motori - TORINO

- Direttore: N.N.

- Costruzione di Motori Diesel di propulsione per navi.

3) - Franco TOSI - LEGNANO

- Direttore: N.N.

- Costruzione di apparati motori e vapore e Diesel di ogni potenza.

4) - O.T.O. - Muggiano - LA SPEZIA

- Direttore: Ing. DODERIO Erisio

- Costruzione di Navi di ogni dimensione.

5) - O.T.O. - LIVORNO

- Direttore: Ing. ASPRA Pietro

- Costruzioni di Navi e apparati motore a vapore.

6) - NAVATECCANICA - CASTELLANNA

- Direttore: Ing. VIEPIONE

- Costruzione di scafi di navi di ogni dimensione.

7) - Cantiere TOSI - TARANTO

- Direttore: Ing. PAUER

- Costruzione di scafi di navi di ogni dimensione.

8) - Cantieri Navali del Tirreno - RIVA TRIGOSO

- Direttore: N.N.

- Costruzione di scafi e di apparati motori a vapore di ogni di
 mensione.

9) - Cantieri S. Marco - TRIESTE

- Costruzione di Motori Diesel di propulsione per navi.
- 3) - Franco TOSI. - LEGNANO
- Direttore: N.N.
- Costruzione di apparati motori a vapore e Diesel di ogni potenza.
- 4) - O.T.O. = Muggiano = LA SPEZIA
- Direttore: Ing. DODERIO EGISIO
- Costruzione di Navi di ogni dimensione.
- 5) - O.E.O. = LIVORNO
- Direttore: Ing. ASPREA PIETRO
- Costruzioni di Navi e apparati motore a vapore.
- 6) - NAVATECCANICA = CASTELLANET
- Direttore: Ing. VITTORIO
- Costruzione di scafi di navi di ogni dimensione.
- 7) - Cantiere TOSI = TARANTO
- Direttore: Ing. BAUER
- Costruzione di scafi di navi di ogni dimensione.
- 8) - Cantieri Navali del Tirreno = RIVA TRIGOSO
- Direttore: N.N.
- Costruzione di scafi e di apparati motori a vapore di ogni dimensione.
- 9) - Cantieri S. Marco = TRIESTE
- Direttore: Ing. NOVIS
- Costruzione di scafi di ogni dimensione.
- 10) - Fabbrica macchine S. Andrea = TRIESTE
- Direttore: N.N.
- Costruzione di motori Diesel e di apparati motori di ogni dimensione e potenza.
- 11) - Cantieri di MONFALCONE
- Direttore: N.N.
- Costruzione di scafi di ogni dimensione
- 12) - Acciaierie di Terni = TERNI
- Direttore: N.N.
- Costruzione di materiali per costruzione di Navi e di apparati motori?
- 13) - Acciaierie S.I.A.C. = GENOVA CORNIGLIANO
- Direttore: N.N.
- Costruzioni di materiali per costruzione di navi e apparati motori.

Materiale elettrico

- 1) - ANSAIDO: Genova Cornigliano
- Direttore: Prof. R. VALIAUNI
- Alcune migliaia di operai
- Elettromeccanici = Impianti elettrici
- 2) - S. GIORGIO: Genova Sestri
- Direttore: Ing. BALDASSARRE ROSSI
- Elettromeccanici
- 3) - ERCONI BOVERI: Milano
- Direttore: Ing. DE MARTINO
- Operai n° 2.000 circa - Impieg. n° 600 circa
- Elettromeccanici
- 4) - G.G.E.: Milano
- Direttore: Comm. AMANTIA Vincenzo
- Operai n° 4.000 circa - Impieg. n° 700 circa
- Elettromeccanici
- 5) - SAPAR: Milano
- Direttore: Ing. CARENZI
- Operai circa 2.000
- Telefoni - Elettroacustica subacquea - Impianti R.T. - Elettromeccanici.
- 6) - FACE: Milano
- Direttore: Ing. DELLA ROCCA Carlo
- Operai circa 1.500 - Impieg. circa 400
- Telefoni
- 7) - MAGNETI MARELLI: Milano
- Commissario: Ing. BRASPA Leonardo
- Materiale R.T. - Magnetici per auto.
- 8) - ERC. MARELLI: Milano
- Direttore: Fermo MARELLI
- Operai circa 6.000 - Impieg. circa 500
- Elettromeccanici.

Materiale di Artiglieria

- 1) - ANSAIDO: Genova (Fegino)
- Direttore: Matteo GALLO

- Operai n° 4.000 circa - Impieg. n° 700 circa
- Elettromeccanici

- 5) - SATAR: Milano
- Direttore: Ing. CARENZI
- Operai circa 2.000
- Telefoni - Elettrotecnica subacquee - Impianti R.T. - Elettromeccanici.

- 6) - FACE: Milano
- Direttore: Ing. DELLA ROCCA Carlo
- Operai circa 1.500 - Impieg. circa 400
- Telefoni

- 7) - MAGNETI MARILLI: Milano
- Commissario: Ing. BRASCA Leonardo
- Materiale R.T. - Magnet per auto.

- 8) - ERC. MARILLI: Milano
- Direttore: Fermo MARILLI
- Operai circa 6.000 - Impieg. circa 500
- Elettromeccanici.

Materiale di Artiglieria

- 1) - ANSALDO: Genova (Vegino)
- Direttore: Matteo GALLO
- 3.000 operai
- Impianti di artiglieria completi e relativi particolari 3082
2) - ODERO - TERZI - ORLANDO: La Spezia - Melara
- 3.000 operai
- Impianti di artiglieria completi e relativi particolari
3) - BREDA: Brescia
- Mitragliere e armi portatili
4) - ISOTTA FRESCINI: Milano
- Mitragliere

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Sistemazioni D.T. ed Ottiche

- 1) - S. GIORGIO: Genova
 - Direttore: Ing. Gino PANNO
 - 8.000 operai
 - Apparecchiature elettriche, ottiche e per la direzione del tiro.
- 2) - MICROTECNICA: Torino
 - Direttore: Ing. DE ROSSI Daniele Agostino
 - 1.500 operai
 - Meccanica di precisione in genere - sperecchiature per giro bussola - ottica (mai per la R. Marina) radio (?)
- 3) - GALLIHO: Firenze
 - Direttore: Ing. MARTINEZ
 - Materiale ottico per la D.T.
- 4) - BORLETTI: Milano
 - Direttore: Dott. BORLETTI
 - Apparecchi di orologeria

Munizionamento

- 1) - BORLETTI: Milano
 - Direttore: Dott. BORLETTI
 - Spolette meccaniche a tempo e a percussione
 - 100.000 spolette al mese
- 2) - LONGHINI: Solbiate Arno
 - Proc. e Ann/re Del.: Dott. Macchi Giacinto
 - Serie parti metalliche per spolette piriche, cannelli, codette, etc.
 - 150.000 spolette al mese - 250.000 cannelli al mese - 300.000 codette al mese.
- 3) - F/lli GNUTTI: Immezzano (Brescia)
 - Direzione: F/lli Gnutti
 - Serie parti metalliche per spolette piriche, cannelli, codette, etc.
 - 200.000 + 300.000 spolette al mese.
- 4) - S.I.P.E.: Milano
 - Presid. e Ann/re Del.: Ing. Giovanni QUARRIERI
 - Caricamento spolette piriche, polveri in genere

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Manifizionamento

- Direttore: Dott. BORLETTI
- Apparecchi di orologeria

- 1) - BORLETTI: Milano
 - Direttore: Dott. BORLETTI
 - Spolette meccaniche a tempo e a percussione
 - 100.000 spolette al mese

- 2) - LONGHINI: Solbiata Arno
 - Proc. e Ann/re Del.: Dott. Macchi Giacinto
 - Serie parti metalliche per spolette piriche, cannelli, codette, etc.
 - 150.000 spolette al mese - 250.000 cannelli al mese - 300.000 codette al mese.

- 3) - F/lli GUTTI: Inneszane (Brescia)
 - Direzione: F/lli Gutti
 - Serie parti metalliche per spolette piriche, cannelli, codette, etc.
 - 200.000 + 300.000 spolette al mese.

- 4) - S.I.P.E.: Milano
 - Presid. e Ann/re Del.: Ing. Giovanni QUARPIERI
 - Caricamento spolette piriche, polveri in genere
 - 450.000 spolette al mese.

- 5) - G. STACCHINI: Roma
 - Direttore: Comm. E. STACCHINI
 - Pochi da segnalazione
 - 100.000 al mese

- 6) - S.A. DINAMITE ROEL: Milano
 - Direttore: Dott. Carlo FAINA del gruppo Montecatini
 - Polveri di lancio e scoppio
 - Tonn. 200 al mese.

- 7) - S.G.E.M.: Milano
 - Direttore: Dott. Carlo FAINA
 - Polveri di lancio e scoppio
 - Tonn. 100 al mese

- 8) - ACCIAIERIE TERNI: Terni
 - Direttore: Dott. LANDE Vincenzo
 - Proietti vari calibri
 - 20.000 proietti medio calibro al mese.

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- 9) - COGNATE AOSTA: Milano
 - Commissario Straordinario: Dott. Franco EIDER
 - Proiettili veri calibri
 - 10.000 proiettili medio calibro al mese.
- 10) - G. FICCHETTI: Lecco
 - Presidente: Dott. Carlo FIORECHI
 - Capsule varie e cartucce per armi portatili
 - 100.000 capsule al mese e 2.000.000 di cartucce al mese.
- 11) - LEON BEUAT: Milano
 - Dott. Ing. R. Giuggioli - Dott. Bruno ZANARDI (sequestratario)
 - Cartucce per pistola - moschetti e mitra
 - 1.000.000 cartucce al mese
- 12) - B.P.D.: Segni-Colleferro (Roma)
 - Direttore Proc. Gen.: Dott. SCRIPANI ROSSI F.
 - Polveri in genere, cartucce varie e bossoli da cannone
 - Tonn. 200 di polveri al mese, 5.000.000 di cartucce al mese,
 20.000 bossoli medio calibro al mese.
- 13) - S.M.I.: Firenze
 - Presid. Amm. Deleg.: Dott. ORLANDO Salvatore
 - Cartucce in genere, accessori vari e bossoli da cannone
 - 5.000.000 di cartucce al mese e 20.000 bossoli medio calibro
 al mese.
- 14) - S.M.B.: Brescia
 - Presid. Amm./ Del.: Dott. ORLANDO Luigi
 - Bossoli da cannone
 - 30.000 bossoli medio calibro al mese
- 15) - ANSAIDO: Genova - Sestri
 - Commissario Straordinario: Dott. Ernesto EMANUELE
 - Bossoli da cannone
 - 10.000 bossoli medio calibro.

Materiale per Armi Subacquee

- 1) - S. GIORGIO: Genova-Sestri
 - Direttore: Gino FANNO
 - lancia - siluri e compressori d'aria
- 2) - MOTO-FIDES: Livorno
 - Direttore: Ing. Angelo RIGHI

- Polveri in genere, cartucce varie e bossoli da cannone
- Tonn. 200 di polveri al mese, 5.000.000 di cartucce al mese, 20.000 bossoli medio calibro al mese.
- 13) - S.M.I.: Firenze
 - Presid. Ann. Deleg.: Dott. ORLANDO Salvatore
 - Cartucce in genere, accessori vari e bossoli da cannone
 - 5.000.000 di cartucce al mese e 20.000 bossoli medio calibro al mese.
- 14) - S.M.B.: Brescia
 - Presid. Ann/ Del.: Dott. ORLANDO Luigi
 - Bossoli da cannone
 - 30.000 bossoli medio calibro al mese
- 15) - ANSAITO: Genova - Sestri
 - Commissario Straordinario: Dott. Ernesto EMANUELE
 - Bossoli da cannone
 - 10.000 bossoli medio calibro.

Materiale per Armi Subacquee

- 1) - S.GIORGIO: Genova-Sestri
 - Direttore: Gino TANNI
 - Lancie - siluri e compressori d'aria
- 2) - MOTO-FINES: Livorno
 - Direttore: Ing. Angelo RETHI
 - Siluri e motocompressori tipo "Junkers".
- 3) - PIGNONE: Firenze
 - Direttore: Dott. BARDOCCI
 - Torpedini di vari tipi
- 4) - WHITEHEAD: Fiume
 - Ing. Umberto PANIGATTI (Direttore)
 - Siluri
- 5) - COGNE: Aosta
 - Serbatoi d'aria per siluri
- 6) - SILURIFICIO ITALIANO: Bari (Napoli)
 - Direttore: Ing. Camillo SACCO
 - Siluri - Lancie siluri
- 7) - ACCIAIERIE FERRIERE LOMBARDE FAIK: Milano
 - Cavi metallici - reti per ostruzioni.

3050

= 6 =

8) - MONCENISIO: Condòve (Torino)

- Direttore: Ing. Dotti

- Bombe torpedini da getto, da rimorchio - teste siluri.

8) - MONCENISIO: Condòve (Torino)

- Direttore: Ing. Dotti

- Bombe torpedini da getto, da rimorchio - teste siluri.



Ministero della Marina
GABINETTO

INDIRIZZO TELEGRAFICO MARINA - ROMA

Prot. N° 19589/2 Allegati

ARGOMENTO Elenco di fabbriche della R. Marina,
fabbriche di munizioni, magazzini e depositi di pro-
prietà governative e private.

Riferimento vostro foglio NSC/3435 del 31
agosto 1945.

Si trasmettono gli uniti elenchi relativi
a fabbriche della R. Marina e private secondo
la richiesta effettuata da codesta N.S.C. col
foglio in riferimento.

Si rende noto che l'elenco delle fabbri-
che di proprietà mista è negativo e che sono
stati segnalati tutti i principali Arsenali e
depositi di proprietà governativa.

IL CAPO DI GABINETTO
C. di V. G. MARINI

Marini

Mod. 40

20 SET. 1945

Rema

NAVY SUB COMMISSION
HEADQUARTERS, A.C.

From: MINISTRY OF MARINE (Cabinet)
To : N.S.C. - H.Q. - A.C.
Date: 20th September 1945
Ref.: 19589/2

Subject: List of I.R.N. factories, munition factories,
Government and privately-owned stores and
durps.

Reference is made to your letter NSC/3435 of 31st August 1945.

The attached lists of I.R.N. and private factories are forwarded in accordance with the request made by you in the abovementioned letter.

Attention is drawn to the fact that there are no factories of mixed ownership to be listed and that information has been given of all the principal Arsenals and Stores owned by the Government.

CHIEF OF CABINET

GGE/P.

Translator's note : the enclosure has already been translated for Lt. De Maestri.

"Mixed Ownership" indicates part ownership by state and part by private individuals.

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- Riparazioni navi e apparati motori, depositi, parti di rispetto e dotazioni di consumo relative
- (Attualmente ridotta al 30% della sua capacità per danni di guerra) *Presently reduced to 30% of total capacity through war damage.*
- 3) - *Stato Reparatrice, Castellammare*
R. Cordoria di CASTELLAMMARE
- Direttore: T.Col. G.N. VERDE Vincenzo
- Operai circa 450
- Fabbrica e depositi cordoni, spaghi e materiali analoghi in canapa. *Manufacture and store of ropes, twines and similar hemp materials.*
- (Attualmente ridotta al 60% della sua capacità per danni di guerra). *Presently reduced to 60% of output by war damage.*
- 4) - *Direzione di Munizionamento Taranto*
Direzione del Munizionamento TARANTO
- Direttore: Cap. di Vasc. AIMONE
- Operai circa 1.400
- Confezionamento cariche e cartucce
5) - Direzione del Munizionamento di LA SPEZIA
- Confezionamento cariche e cartucce = distrutte *(destroyed)*.
6) - *Direzione di Armi e Armamenti, Venezia*
Direzione Armi ed Armamenti Navali di VENEZIA
- Direttore: Col. A.N. GERUNDO
- Operai circa 2.500 *Preparation of charges and cartridges - construction*
- Confezionamento cariche e cartucce = costruzione di affusti di artiglieria *of artillery gun-mountings.*
- 7) - *Direzione di Armi e Armamenti, Pola*
Direzione Armi ed Armamenti Navali di POLA
- Circa 1.000 operai
- Confezionamento cariche e cartucce
8) - Direzione Armi ed Armamenti Navali di TARANTO
- Direttore: Col. A.N. MICHEIONI
- Operai circa 1.400 *Repair and storage of naval weapons of every kind.*
- Conservazione e riparazione armi navali di ogni genere.
- 9) - Direzione Armi ed Armamenti Navali di LA SPEZIA
- Direttore: T.Col. A.N. DERCHI
- Operai circa 1.900 *Repair and storage of naval weapons of every kind.*
- Conservazione e riparazione armi navali di ogni genere. *kind.*
- 10) - *Underwater weapons Division, Taranto*
Direzione Armi subacquee di TARANTO
- Direttore: T.Col. A.N. PICONE
- Circa 1.000 operai
- Conservazione e riparazione delle armi subacquee
- *Repair and maintenance of underwater weapons.*

- 11) - Direzione Armi subacquee di LA SPEZIA
- Conservazione e riparazione delle armi subacquee = Distrutta.

B) PROPRIETA' MISTA

~~Conservazione~~ Private ownership

Negative

up to date repair work any kind - big + small outfitting

Nil.

- C) PROPRIETA' PRIVATA
- 1) - ANSALDO S.A. - GENOVA *10,000 Comdr to 100% share* Naval construction and engine apparatus.
- Direttore: Ing. BANDETTINI ALFONSO
- Costruzione di Navi d'ogni dimensione e loro apparati motori *1400 ton*
- 2) - F.I.A.T. Grandi Motori - TORINO
- Direttore: N.N.
- Costruzione di Motori Diesel di propulsione per navi.

- 3) - Franco TOSI - LEGNANO *milan*
- Direttore: N.N.
- Costruzione di apparati motori e vapore e Diesel di ogni potenza.

- 4) - O.T.O. - Muggiano = LA SPEZIA
- Direttore: Ing. DODERIO Erisio
- Costruzione di Navi di ogni dimensione.
- 5) - O.T.O. - LIVORNO
- Direttore: Ing. ASTERA Pietro
- Costruzioni di Navi e apparati motore a vapore.

- 6) - NAVALMECCANICA = CASTELLANARE
- Direttore: Ing. VIETONE
- Costruzione di scafi di navi di ogni dimensione.

- 7) - Cantieri TOSI - TARENTO
- Direttore: Ing. BAUER
- Costruzione di scafi di navi di ogni dimensione.
- 8) - Cantieri Navali del Tirreno = RIVA TRIGOSO
- Direttore: N.N.
- Costruzione di scafi e di apparati motori a vapore di ogni dimensione.

- 9) - Cantieri S. Marco = TRIESTE
- Direttore: Ing. MOVIS
- Costruzione di scafi di ogni dimensione. Construction of hulls of
- 10) - Construction of hulls of

- Costruzione di motori Diesel di propulsione per navi.
Construction of Diesel motor for propulsion of ships
- 3) - Franco TOSI - LEGNANO *in la*
- Direttore: N.N.
- Costruzione di apparati motori a vapore e Diesel di ogni potenza.
Construct. of engines (steam & Diesel) of every power.
- 4) - O.T.O. - MUGLIANO - LA SPEZIA
- Direttore: Ing. DOBBERO ELISIO
- Costruzione di Navi di ogni dimensione.
Construction of ships of every size.
- 5) - O.T.O. - LIVORNO
- Direttore: Ing. ASTREA PIETRO
- Costruzioni di Navi e apparati motore a vapore.
Construction of ships and steam engines.
- 6) - NAVALMECCANICA - CASTELLANET
- Direttore: Ing. VIETONE
- Costruzione di scafi di navi di ogni dimensione.
Construction of ships' hulls of every size.
- 7) - Cantieri TOSI - TARANTO
- Direttore: Ing. MAUER
- Costruzione di scafi di navi di ogni dimensione.
Construction of hulls, steam-driven engines of every size.
- 8) - Cantieri Navali del Tirreno - RIVA TRIGOSO
- Direttore: N.N.
- Costruzione di scafi e di apparati motori a vapore di ogni dimensione.
Construction of hulls, steam-driven engines of every size.
- 9) - Cantieri S. Marco - TRIESTE
- Direttore: Ing. MOVIS
- Costruzione di scafi di ogni dimensione.
Construction of hulls of every size.
- 10) - Fabbriche macchine S. Andrea - TRIESTE
- Direttore: N.N.
- Costruzione di motori Diesel e di apparati motori di ogni dimensione e potenza.
Construction of Diesel motors and engines of every size and power.
- 11) - Cantieri di MONFALCONE
- Direttore: N.N.
- Costruzione di scafi di ogni dimensione
Construction of hulls of every size.
- 12) - Acciaierie di Terni - TERNI *Reame*
- Direttore: N.N.
- Costruzione di materiali per costruzione di Navi e di apparati motori.
Construction of equipment for shipbuilding and manufacturing of engine apparatus.
- 13) - Acciaierie S.I.A.C. - GENOVA CORNIGLIANO
- Direttore: N.N.
- Costruzioni di materiali per costruzione di navi e apparati motori.
Construction of equipment for shipbuilding & manufacturing of engine apparatus.

*Sub-
avvalda.
Dare agli
50% off.*

- 3 =**
 Elect. Equip. D.C., R.A. & C. Case
 800/yr. net 3507/yr.
 Materiale elettrico etc.
 Electr. equipment - 2 mos. 100%
 80% effie. not much work at present
 Handover work - fact work can go to 25-30%
 Electr. machinery construction - electrical installation
- 1) - ANSAIDO: Genova Cornigliano 20% machinery -
 - Direttore: Prof. R. VALIAUMI
 - Alcune migliaia di operai
 - Elettromacchinari = Impianti elettrici - fact work
 - S. GIORGIO: Genova Sestri
 - Direttore: Ing. BALDASSARRE ROSSI
 - Elettromacchinari Electr. machinery cond.
 2) - BROWN BOVERI: Milano
 - Direttore: Ing. DE MARTINO
 - Operai n° 2.000 circa - Impieg. n° 600 circa
 - Elettromacchinari -do -
 3) - C.G.E.: Milano
 - Direttore: Com. AMANTEA Vincenzo
 - Operai n° 4.000 circa - Impieg. n° 700 circa
 - Elettromacchinari -do -
 4) - SAFAR: Milano
 - Direttore: Ing. GARRETTI
 - Operai circa 2.000
 - Telefoni - Electroacoustics subequos - Impianti R.T. - Elettro
 - macchine - Telephone - underwater electr. sounding devices - W/T
 - installation - electrical machinery.
 5) - FACE: Milano
 - Direttore: Ing. DELLA ROCCA CARLO
 - Operai circa 1.500 - Impieg. circa 400
 - Telefoni Telephone. Telephone.
 6) - MAGNETI MARELLI: Milano
 - Commisserie: Ing. BRASIA Leonardo
 - Materiale R.T. - Magnetit per auto. W/T equipmt - magnetos
 7) - ERC. MARELLI: Milano
 - Direttore: Fermo MARELLI
 - Operai circa 6.000 - Impieg. circa 500
 - Elettromacchinari. electrical machy. dealer.
 8) - ANSAIDO: Genova (Fegine) Artillery (gunnery) equipmt.
 - Direttore: Matteo GATTO any type of gunner bombed badly

- Direttore: Comm. AMANTELLA Vincenzo
 - Operai n° 4.000 circa - Impieg. n° 700 circa
 - Elettromeccanici

5) - SATARI: Milano

- Direttore: Ing. GARNIERI

- Operai circa 2.000

- Telefoni - Elettrotecnica subacquea - Impianti R.T. - Elettro
 macchinari. *Telefoni - undersea electric sounding devices - w/r
 installation - electrical machinery.*

6) - FACE: Milano

- Direttore: Ing. DELLA ROCCA Carlo

- Operai circa 1.500 - Impieg. circa 400

- Telefoni

7) - MAGNETI MARILLI: Milano

- Commissario: Ing. BRASCA Leonardo

- Materiale R.T. - Magnetici per auto.

w/r equipmt - magnetos

8) - ERC. MARILLI: Milano

- Direttore: Verno MARILLI

- Operai circa 6.000 - Impieg. circa 500

- Elettromeccanici.

electrical machy. dealers.

navy + army Materiale di Artiglieria Artillery (gunnery) equipmt.

1) - ANSAIDO: Genova (Fegino)

- Direttore: Matteo GALLO

- 3.000 operai

- Impianti di artiglieria completi e relativi particolari
*any type of gunner bonded badly
 occupied by army at present
 relatively few particular
 and relative necessities.*

2) - ODERO - TIRRI - ORLANDO: La Spezia - Melora

- 3.000 operai

- Impianti di artiglieria completi e relativi particolari

3075

3) - BREDA: Brescia

- Mitragliere e armi portatili

Machine-guns and portable weapons.

4) - ISOTTA FRASCHINI: Milano

- Mitragliere

Machine guns. %

Disarmament and Peace Establishment

Sistemazioni D.T. ed Ottiche

- 1) - S. GIORGIO: Geneva
- Direttore: Ing. Gino TAMMO
- 8.000 operai
- Apparecchiature elettriche, ottiche e per la direzione del tiro.
- ~~electric apparatus~~ ^{electric instruments}, ~~optical instruments~~, and ~~other apparatus~~ ^{apparatus}.
- 2) - MICROTECNICA: Torino
- Direttore: Ing. DE ROSSI Daniele Agostino
- 1.500 operai ^{Precision instruments in general - compass equipment -}
- Meccaniche di precisione in genere - apparecchiature per giro
bussola - ottica (mai per la R. Marina) radio (?)
^{optical (for use for I.R.A.) radio (?)}.
- 3) - GALILEO: Firenze
- Direttore: Ing. MARTINEZ
- Materiale ottico per la D.T. ^{Optical equipment for dis-}
^{cover (range-finding)}
- 4) - BORLETTI: Milano
- Direttore: Dott. BORLETTI
- Apparecchi di orologeria ^{Timekeeping apparatus.}

Munizionamento

- 1) - BORLETTI: Milano
- Direttore: Dott. BORLETTI ^{Mechanics, tools & percussion fuses,}
- Spoletto meccanica a tempo e a percussione ^{producting 100,000 p.m.m.}
- 100.000 spolette al mese
- 2) - LONGHINI: Solbiate Arno ^{Tracing (Munition)}
- ^{Director, and Chief of Administration} ^{Proc. & Amm/re Del.:} Dott. Macchi Giacinto
- Serie parti metalliche per spolette piriche, cannelli, codette,
etc. ^{lots of metal parts for black-powder fuses, boosters, etc.}
- 150.000 spolette al mese - 250.000 cannelli al mese - 300.000
codette al mese. ^{boosters.}
- 3) - F/114 GNUTTI: Inneszane (Brescia)
- Direzione: F/114 Gnutti
- Serie parti metalliche per spolette piriche, cannelli, codette,
etc.
- 200.000 + 300.000 spolette al mese.
- 4) - S.I.F.B.: Milano
- Presid. e Amm/re Del.: Ing. Giovanni QUARTIERI ^{black-powder}
- Caricamento spolette piriche, polveri in genere ^{charging of fuses,}
- 450.000 spolette al mese. ^{product in general.}

x 4) - BORLETTI: Milano

- Direttore: Dott. BORLETTI
- Apparecchi di orologeria

~~Director~~ Sunkering apparatus.

Manufacture

Quantities

- x 1) - BORLETTI: Milano
- Direttore: Dott. BORLETTI
- Spolotto meccaniche a tempo e a percussione
- 100.000 spolotte al mese
- produce 100,000 p.mth.

- 2) - LONGHINI: Solbiate Arno
- Proc. e Amm/re Del.: Dott. Mecchi Giacinto
- Serie parti metalliche per spolotte piriche, cannelli, codette, etc.
- 150.000 spolotte al mese - 250.000 cannelli al mese - 300.000 codette al mese.
- *vacine (Muging) Chapin*

- x 3) - F/lli GUTTI: Inneszene (Brescia)
- Direzione: F/lli Guttii
- Serie parti metalliche per spolotte piriche, cannelli, codette, etc.
- 200.000 + 300.000 spolotte al mese.

- x 4) - S.I.P.E.: Milano
- Presid. e Amm/re Del.: Ing. Giovanni QUATTIERI
- Caricamento spolotte piriche, polveri in genere
- 450.000 spolotte al mese.
- *black-powder*
- *charging of fuses, powder in general.*

- x 5) - G. STACCHINI: Roma
- Direttore: Comm. E. STACCHINI
- Pochi da segnalazione
- 100.000 al mese
- *signal lights.*

- x 6) - S.A. DINAMITE ROBEL: Milano
- Direttore: Dott. Carlo FAINA del gruppo Montecchini
- Polveri di lancio e scoppio
- Tonn. 200 al mese.
- *Explosive powder.*

- x 7) - S.G.E.M.: Milano
- Direttore: Dott. Carlo FAINA
- Polveri di lancio e scoppio
- Tonn. 100 al mese

- x 8) - ACCIAIERIE TERNI: Terni
- Direttore: Dott. LANZI Vincenzo
- Proiettili vari calibri
- 20.000 proiettili medio calibro al mese.
- *Projectiles of various calibres*

20,000 medium calibre projectiles monthly

- 9) - COGNÉ AOSTA: Milano
 - Commissario Straordinario: Dott. Franco RITTER
 - Proiettili vari calibri
 - 10.000 proiettili medio calibro al mese.
- 10) - G. FIORECHI: Lecce *Cartridge (various) and for*
 - Presidente: Dott. Carlo FIORECHI *centralized arms,*
 - Capsule varie e cartucce per armi portatili *small arms,*
 - 100.000 capsule al mese e 2.000.000 di cartucce al mese.
- 11) - LEON MEVAK: Milano
 - Dott. Ing. R. Giuglioli - Dott. Bruno ZANARDI (sequestratorio)
 - Cartucce per pistole - moschetti e mitra *Cartridges*
 - 1.000.000 cartucce al mese *sub-machine guns.*
- 12) - B.P.D.: Segni-Colleferro (Rome)
 - Direttore Proc. Gen.: Dott. SCIPARI ROSSI *Chell. cases.*
 - Polveri in genere, cartucce varie e bossoli da cannone
 - Tonn. 200 di polveri al mese, 5.000.000 di cartucce al mese,
 20.000 bossoli medio calibro al mese.
del case, mid cal. per me.
- 13) - S.M.I.: Firenze
 - Presid. Amm. Deleg.: Dott. OLANO Salvatore
 - Cartucce in genere, accessori vari e bossoli da cannone
 - 5.000.000 di cartucce al mese e 20.000 bossoli medio calibro
 al mese.
- 14) - S.M.P.: Brescia
 - Presid. Amm./ Del.: Dott. OLANO Luigi
 - Bossoli da cannone
 - 30.000 bossoli medio calibro al mese
- 15) - ANSAIDO: Genova - *Sestri-FE/NO* *DERAMINI (DELTA)*
 - Commissario Straordinario: Dott. *RETTIO*
 - Bossoli da cannone
 - 10.000 bossoli medio calibro. *per me* *of good land.*
non ferrous metal work.
- Materiale per Armi Subacquee
 1) - S. GIORGIO: Genova-Sestri
 - Direttore: Gino FANNO *Torpedoes and compressors.*
 - Lancie - siluri e compressori d'aria
- 2) - NOTO-FIDES: Livorno
 - Direttore: Ing. Angelo BECHI

- Polveri in genere, cartucce varie e bossoli da cannone
- Tonn. 200 di polveri al mese, 5.000.000 di cartucce al mese, 20.000 bossoli medio calibro al mese.
- 13) - S.M.J.: Firenze
all cases, med cal. per mo.
- Presid. Ann. Deleg.: Dott. ORLANDO Salvatore
- Cartucce in genere, accessori vari e bossoli da cannone
- 5.000.000 di cartucce al mese e 20.000 bossoli medio calibro al mese.

- 14) - S.M.B.: Brescia
- Presid. Ann. Del.: Dott. ORLANDO Luigi
- Bossoli da cannone
- 10.000 bossoli medio calibro al mese
- 15) - ANSAIDO: Genova - ~~Sestri~~ *FEGINO* *DERGANINI (DELTA)*
- Commissario straordinario: Dott. ~~MAURIZIO~~
- Bossoli da cannone
- 10.000 bossoli medio calibro. *per mo* *1/2 good land.*
- non ferma metal work.*

Undermills - weapon equip.

Materiale per Armi Subacquee

- ✓ I) - S. GIORGIO: Genova Sestri
- Direttore: Gino FANNO
- Lancie - siluri e compressori d'aria
- 2) - MOTO-FIDES: Livorno
- Direttore: Ing. Angelo BECHI
- Siluri e motocompressori tipo "Junkers".
- 3) - FIGHORE: Firenze
- Direttore: Dott. BARDECCI
- Torpedini di vari tipi
- 4) - WHITEHEAD: Fiume
- Ing. Umberto PANIGATTI (Direttore)
- Siluri
- 5) - CORME: Acosta
- Serbatoi d'aria per siluri
- 6) - SILURIFICIO ITALIANO: Baia (Napoli)
- Direttore: Ing. Camillo SACCO
- Siluri - Lanciasiluri
- 7) - ACCIAIERIE FERRIERE LOMBARDE FALC: Milano
- Cavi metallici - reti per ostruzioni.
- metal - cables - boom nets.*

Torpedes. 3073
Torpedo autotonic

Torpedes - 2 torpedo-lanciers.

= 5 =

- 8) - MONCENISIO: Condova (Torino)
- Direttore: Ing. Doti
- Bombe torpedini da getto, da rimorcolo - teste siluri.

Depth-charges. ~~Torpedo-charges~~
Torpedo-charges. Torpedo-heads.

9. ANSALDO STABILISAMENTO MECCANICO. SANPIEDARERA

100 % Pre war eff. all damage repaired
machines returned.

Diesel motors for ships & small craft, Prod 8,000 HP/Mo
Boiler for ships - 6 boilers - 9000 sq. metres/mo.
for navy 30,000 sq. metres/mo.
Steam turbines for navy 25,000 HP/Mo
" " " other 3,300 HP/Mo

Roller for ship - 6000 sq. meters/mo.
 for navy 30,000 sq. meters/mo.
 steam turbine for navy 25,000 HP/Mo
 " " " other 3,300 HP/Mo.

30.2

30.3

0156