

ACC

10000/124/317 SI-1/N

10000/124/317 SI-1/N SPARE PARTS FOR L.C.T. ENGINES
MAY 47 — SEP. 47

ALLIED FORCE HEADQUARTERS.
ITALIAN NAVAL BRANCH.

FILE: SI - 1/W

SPARE PARTS FOR L.C.T. ENGINES.

10000/124/317
THIS FOLDER
CONTAINS PAPERS

FROM MAY 1944

TO SEP 1944

CATALOGUE-

SPARE PARTS FOR L.C.T. ENGINES.

Declassified E.O. 12356 Section 3.3/NND No.

785020

10000/124/317

THIS FOLDER CONTAINS PAPERS	
FROM	MAY 1947
TO	SEP 1947
CATALOGUE-	

Further action by British Naval Attache, Rome

2412-2740
2740

19 September 1947.

SPARE PARTS FOR L.C.T. ENGINES.

COMMERCIAL-KITCHEN, 1600 MIDWAY STATION.

(Copy to: PLAC OFFICER, MALTA.
COMMONWEALTH INTELLIGENCE, MALTA.)

COMBOSONS SUPERINTENDENT, MALTA.
OFFICER IN CHARGE, SPARE PARTS DISTRIBUTION CENTER,
MALTA.)

(a) Italian Naval Branch AFSA Ltr. SI-1/A/204 dated 5 July 1967.

(A) Revised list of spare parts for Damsun and Gray Marine engines required by the Italian Navy.

1. Enclosure (A) is forwarded with the request that it may be substituted for the List enclosed with reference (a) (not to Officer in Charge, Spare Parts Distribution Centre, Nilim) which should be cancelled.

2. It would be appreciated if the information requested in paragraph 2 of reference (a) could be forwarded as soon as possible in respect of the revised requirements.

(signed) A. A. Van Oort.

for REAR ADMIRAL,
UNITED STATES NAVY, WASHINGTON.

274B

۱۲۸

TO: COMMANDER-IN-CHIEF, MEDITERRANEAN STATION.
 (Copy to: FLAG OFFICER, MALTA.
 COMMOCHIEF SUPERINTENDENT, MALTA.
 OFFICER IN CHARGE, SPARE PARTS DISTRIBUTION CENTER,
 MALTA.)

Reference: (a) Italian Naval Branch AFM 1tr. SI-1/A/204 dated
 5 July 1947.

Enclosure: (a) Revised list of spare parts for Panmar and Grey
 Marine engines required by the Italian Navy.

1. Enclosure (a) is forwarded with the request that it may
 be substituted for the list enclosed with reference (a) (not to Officer in
 Charge, Spare Parts Distribution Center, Malta) which should be cancelled.

2. It would be appreciated if the information requested in
 paragraph 2 of reference (a) could be forwarded as soon as possible in
 respect of the revised requirements.

(Signed) A. M. MILLINGER.

for REAR ADMIRAL,
 DIRECTOR ITALIAN NAVAL BRANCH.

2740

X Ref SI-1/A/204 - Sale of Landing Craft
 to Italians.

DUPLICATE

SPARE PARTS FOR PAYMAN 500 H.P., 1350 REV. ENGINES ON L.C.T. LANDING CRAFT.

2. 30 Main bearings (bed plate bearings)
 10 internal rubber sheathing for water pumps
 8 complete valve heads
 96 intake valves with the necessary springs and sump
 96 discharge valves
 132 compression piston rings
 90 oil rings
 150 carburettor nozzles
 24 normal pistons
 18 piston pins with expanding iron rings
 12 connecting rod, bearings
 5 crankshafts
 4 fuel injection pumps
 130 parts for fuel pumps
 2 engine water circulation pumps
 4 oil circulation pumps
 2 engine oil coolers
 8 oil filters
 2 reversing gear oil coolers
 1 complete reversing gear unit
 4 discharge collectors
 3 fuel filters
 14 flexible fuel pipes
 24 petrol pipes to carburettor
 3 starting motors
 3 dynamos
 4 distribution controls
 8 balance units (governors)
 14 dynamo belts
 10 bakelite couplings for injection pumps
 10 series of linings for base and head of cylinders
 4 thermometers (distant) for water temperature
 15 revolution counters
 4 oil meters
 10 dynamo brushes
 10 brush holders
 10 brushes for starting motors
 48 small couplings
 60 bolts for small couplings
 60 bolts for main
 2 self regulators
 30 cylinder sleeves
 6 oil pressure limiting valves
 6 oil fuel compressor pump
 10 alternators for rev. counters
 50 non return valves (non dribble valves)
 10 reducers for rev. indicators
 10 flexible cables for rev. indicators.

2739

SPARE PARTS FOR GRAY MARINE ENGINES.

2. 200 piston rings
48 connecting rod shock absorbers
8 water pumps
28 fuel pressure pumps
50 carburetors sprayers
2 crank shafts (engine Axis.)

Office of the Commander-in-Chief,
Mediterranean Station,
24th August, 1947.

No. 2234/Med. 47/1349/3/1
SUMMARY OF THE ADMIRALTY.

(Copies to:-

Director Italian Naval Attaché,
Allied Force Headquarters,
Flag Officer, Malta.)

SPARE PARTS FOR L.C.T.'S.

Be pleased to inform their Lordships that a request has been received from the Italian Navy for supply of Spare Gear for Falson 500 S.I. Engines for L.C.T.'s referred to in the Commander-in-Chief, Mediterranean's submission No. 1552/Med. 47/1349/3/1 dated 6th June, 1947.

2. The following spares are available at the Spare Parts Distribution Centre, Malta

T.P.	1738	Main Bearings	23 in No.
T.P.	1739	"	23 in No.
T.P.	1739	"	28 in No.
T.P.	2690	Mono Ring Stator	5 in No.
CAY.	7029/17	Non Return Valves	27 in No.
CAY.	7029/14	Helical Assembly	54 in No.
T.P.	13952	Nozzles for sprayers	54 in No.
T.P.	2020	Connecting rods	6 in No.
R.P.M.	8 3M 2)	Reducers for Rev. Indicators	5 in No.
T.P.	55	Flexible Cables for Rev. Indicators	5 in No.
T.P.	479		
T.P.	2257		

3. It is requested that the cost of these spares on prepayment be communicated in order that supply may be arranged.

4. The following spares are also required and are not available at Malta:-

T.P.	2453	Alternators for Rev. Counters	5 in No.
T.P.	750	Crank Shafts	2 in No.
T.P.	56	Connecting Rods	6 in No.

Information is requested whether these items can be supplied from the United Kingdom and, if so, what charges will be made.

Director Italian Naval Branch,
Allied Force Headquarters,
Flag Officer, Malta.)

SPARE PARTS FOR L.C.F.S.

be pleased to inform their Lordships that a request has been received from the Italian Navy for supply of Spare Gear for Paxman 500 H.P. Engines for L.C.F.'s referred to in the Commander-in-Chief, Mediterranean's submission No. 1532/Med.17/1349/5/1 dated 6th June, 1947.

2. The following spares are available at the Spare Parts Distribution Centre, Malta

T.P.	1736	Main Bearings	21 in No.
T.P.	1769	" "	23 in No.
T.P.	1790	" "	23 in No.
T.P.	2690	Wmo Pump Stator	5 in No.
C.V.	7023/17	Wmo Return Valves	27 in No.
C.V.	7029/44	Helical Assembly	54 in No.
T.P.	12052		
T.P.	2020	Womles for sprayers	54 in No.
P.M.H.	8 3/4 2)	Connecting rods	6 in No.
T.P.	55	Reducers for Rev. Indicators	5 in No.
T.P.	473	Flexible Cables for Rev. Indicators	5 in No.
T.P.	2157		

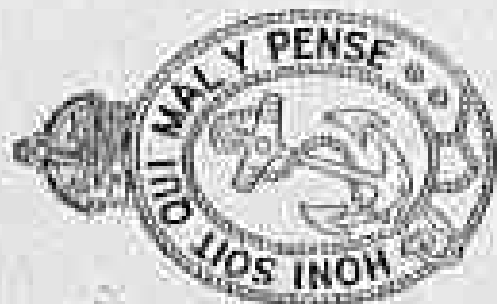
3. It is requested that the cost of these spares on prepayment be communicated in order that supply may be arranged.

4. The following spares are also required and are not available at Malta:-

T.P.	2453	Alternators for Rev. Counters	5 in No.
T.P.	750	Crank Shafts	2 in No.
T.P.	56	Connecting Rods	6 in No.

Information is requested whether these items can be ^{supplied} from the United Kingdom and, if so, what charges will be made. *W. 2. 7. 47*

(Sgd.) E. S. SMITH
for A.D.M.I.R.A.L.



Office of the Commander-in-Chief,
Mediterranean Station.
24th August, 1947.

Med. 47/1349/3/1
DIRECTOR ITALIAN NAVAL BRANCH,
ALLIED FORCE HEADQUARTERS.

(Copies to:-

Flag Officer, Malta.
Comodore Superintendent, Malta.
Spare Parts Distribution Centre,
Malta.)

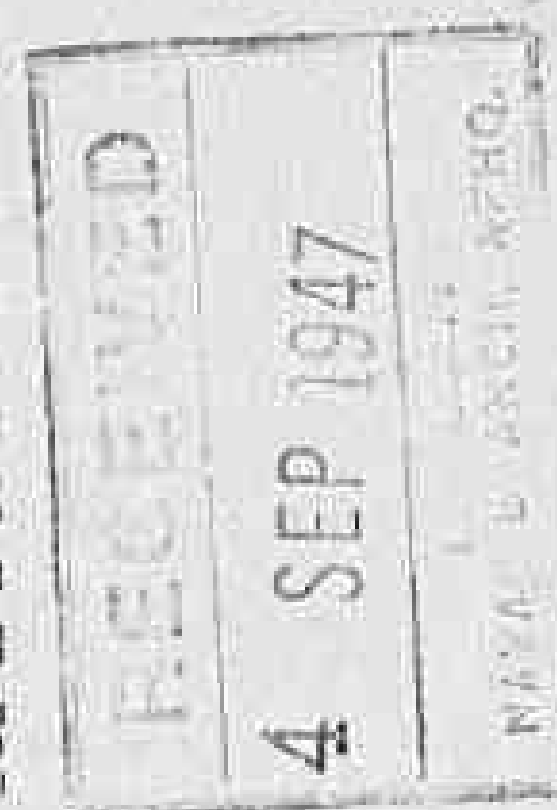
SPARE PARTS FOR L.C.T'S.

With reference to your letter S.1 - 1/R/204 dated 5th July, 1947, availability of English Spare Gear and cost has been referred to the Admiralty, Commander-in-Chief, Mediterranean's submission No. 2236/Med. 47/1349/3/1 dated 24th August, 1947, refers.

2. Supply arrangements and financial adjustments for items of United States origin should be referred to Office of Foreign Liquidation Committee, Rome. Spare Parts Distribution Centre, Malta's letter No. 0746/16 dated 16th August, 1947, gives availability of items at Malta. On receipt of advice as to the procedure to be adopted, arrangements can be made for the transfer of the gear.

3. It is suggested that Item No. 5160326, Crankshaft (Engine Axis), which is not available at Malta, should be obtained direct from United States authorities.

for ADMIRAL



2736

SPARE PARTS FOR L.C.Ts.

FROM: OFFICER IN CHARGE, SPARE PARTS DISTRIBUTION CENTRE,
Malta.

DATE: 16th. August, 1947. SPDC. 0746/15.

TO: COMMANDER-IN-CHIEF, MEDITERRANEAN.
(Copies to: Director, Italian Naval Branch,
Allied Force Headquarters.
Flag Officer, Malta.
Commodore Superintendent, Malta.).

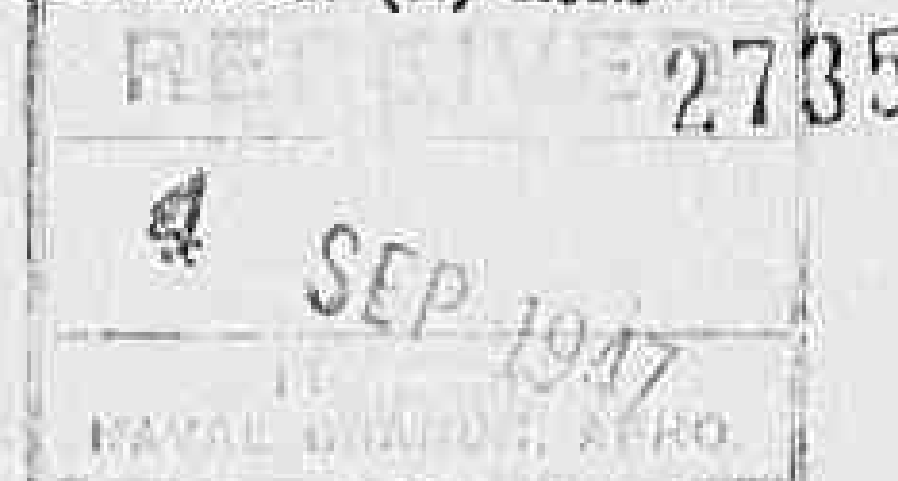
Submitted:

With reference to your Minute II Med.47/1349/3/1 of 8th. August, 1947 attached is a list of spare parts for Gray Marine 250 H.P. and Panman 500 H.P. engines which are available for supply to the L.C.Ts.

2. "Instructions to Spare Parts Distribution Centres" state that particulars of British Spare Gear supplied to Foreign Governments should be reported to Admiralty so that the appropriate financial action may be taken. It is therefore requested that these particulars will be forwarded to the Admiralty.

R. F. Walker

COMMANDER (E) R.N.



GRAY MARINE 8 ENGINES (U.S. ORIGIN)

PART NO.	DESCRIPTION	REQUIRED	SUPPLY	REMARKS
5160303	Compression Rings	192	192	No Oil Rings are asked for.
5150106	Con. Rod Bearings	24	24	
5151528	" "	24	24	
5152918	Main Brgs. (Bed Plate Brgs)	28	28	
5150017	" " " "	28	28	
5159060	Water Pumps Fresh	4	4	
5158614	Water Pumps Raw	4	4	
5230031	Fuel Injection Pumps	4	4	
5227141	Sprayers (Injector Assy)	24	24	
5160326	Crankshaft (Engine Axis)	1	NIL	

PAXMAN ENGINE SPARES

T.P. 1788	Main Brgs. (Bed Plate Brgs)	28	28
T.P. 1789	" "	28	28
T.P. 1790	" "	28	28
T.P. 2690	Mono Pump Stator (Internal)	5	5
	Rubber Sheathing for		
	Water Pumps		
T.P. 2459	Alternators for Rev. Counter	5	NIL
CAV 7029/17	Non-return Valves (Non-dribble	27	27
	Valves		
CAV 7029/44)	Helical Assy (Parts for	54	54
T.P. 12052	Injection Pump)		
T.P. 2020	Nozzles for Sprayers	54	54
BDN 8 S 2			
T.P. 750	Crankshaft (Engine Axis)	2	NIL
T.P. 55	Con Rods	6	6
T.P. 56	" "	6	NIL
T.P. 479	Reducers for Rev. Indicators	5	5
T.P. 2257	Flexible Cables for Rev	5	5
	Indicators		

SPARE PARTS FOR L.C.Ts.

(Director, Italian Naval Branch, Allied Force Headquarters'
letter No. SI-1/N/204 dated 5th July, 1947.)

II

Med. 47/1349/3/1.

OFFICER-IN-CHARGE, SPARE PARTS DISTRIBUTING CENTRE, MALTA.

(Copies to:-

Director, Italian Naval Branch, Allied Force
Headquarters.

Flag Officer, Malta.

Commodore Superintendent, Malta.)

Referred for report on:-

- (a) the availability of the items detailed.
- (b) the price of British articles, for issue on prepayment, i.e. including percentage charges.



for ADMIRAL.

MEDITERRANEAN.
8th August, 1947.

2733

From: MINISTRY OF DEFENCE (NAVY)
To : Italian Naval Branch A.F.H.Q.
Date: 23rd August 1947
Ref.: 2931/UT Encl. No. 1

Subject: Spare parts for L.C.T. engines.

With reference to:

- (a) your letter SI-1/N/203, dated 5th July 1947
- (b) our letter 2435/UT, dated 15th July 1947

With regard to the contents of paragraph 1 of your letter, to which reference is made, and to our point of view, expressed in our letter, forwarded enclosed is a list of the spare parts for PAXIAN and GRAY MARINE engines, which the Ministry of Defence (Navy) wishes to purchase.

The Italian Naval Branch is therefore requested to facilitate the supply of the above parts to the Italian Navy, informing us of the price and the method by which the cession is to take place.

By direction
L. RUPARELLI,
Rear Admiral.



2732

SPARE PARTS FOR PAXMAN 500 H.P., 1350 REV. ENGINES ON L.C.T. LANDING CRAFT.

- Main bearings (bearing plate bearings)*
- n. 30 series of bearing plate cushions *Internal rubber seating for water pumps*
- 10 rubber internal sleeves for water pump
- 6 complete valve heads
- 96 intake valves with the necessary springs and sump
- 96 discharge valves
- 132 water-tight elastic belts *compression piston rings*
- 90 oil scraper elastic belts *piston rings oil rings*
- 150 carburettor nozzles
- 24 normal pistons
- 18 piston pins with expanding iron rings
- 12 connecting rod (cushions), *bearings & shock absorbers*
- 5 crankshafts
- 4 injection pumps
- 130 parts for fuel pump
- 2 engine water circulation pumps
- 4 oil circulation pumps
- 2 engine oil coolers
- 8 oil filters
- 2 reversing gear oil coolers
- 1 complete reversing gear unit
- 4 discharge collectors
- 3 fuel filters
- 14 flexible fuel pipes
- 24 petrol pipes to carburettor
- 3 starting motors
- 3 dynamos
- 4 distribution controls
- 8 balance units (*governors*).
- 14 dynamo belts
- 10 bakelite couplings for injection pumps
- 10 series of linings for base and head of cylinders
- 4 thermometers (distant) for water temperature
- 15 revolution counters
- 4 oil meters
- 10 dynamo brushes
- 10 brush holders
- 10 brushes for starting motors
- 48 small couplings
- 60 bolts for small couplings
- 60 bolts for main " "
- 2 self regulators
- 30 cylinder sleeves
- 6 oil pressure limiting valves
- 3 oil fuel compressor pump
- 10 alternators for rev. counters
- 50 non return valves *(non return valves)*
- 10 rev. counter reducers *reducers for rev. counter indicators*
- 10 flexible cables for rev. counters.

- 2 -

SPARE PARTS FOR GRAY MARINE ENGINES

- piston*
n. 200/rings (elastic)
48 connecting rod shock absorbers
48 bed plate shock absorbers
8 water pumps
28 fuel pressure pumps
50 carburetors sprayers
2 ~~engine flamer~~ *crank shaft (engine Atis.)*

X Ref. MAS/IRN-11/N

2739

REPUBBLICA ITALIANA

Roma, 23 AGO. 1947

MINISTERO DELLA DIFESA - MARINA
UFFICIO TRATTATIAl ITALIAN NAVAL BRANCH
Allied Force HQ. ROMA

Indirizzo: MARINA - ROMA

PROT. N.

2931/UT.

ALLEGATI

1

ARGOMENTO: Materiali di rispetto per motori di motozattere L.C.T.

Riferimento:

- (a) foglio SI-1/N/203 del 5 luglio u.s. del I.N.B.
- (b) foglio 2435/UT del 15 luglio u.s. del Ministero della Difesa - Marina Ufficio Trattati.

In considerazione di quanto comunicato da codesto I.N.B. al par.1 del riferimento (a) e del punto di vista manifestato da questo Ministero al riferimento (b), si trasmette un elenco di pezzi di rispetto per motori PAXMAN e GRAY MARINE che questo Ministero desidera acquistare.

Si prega codesto I.N.B. voler interessarsi perchè i materiali elencati vengano ceduti alla Marina Italiana, facendo conoscere il prezzo e le modalità con le quali la cessione potrebbe essere effettuata.

d'ordine
L'AMMIRAGLIO DI DIVISIONE
Capo Ufficio Trattati
(L. RUBARTELLI)



PEZZI DI RISPETTO PER MOTORI PAXMAN H.P. 500 GIRI
1350 DELLE MOTOZATTERE TIPO D.C.T.

- n. 30 Serie di cuscinetti di banco
10 camicie di gomma interna per pompa acqua
8 testate complete di valvole
96 valvole di aspirazione con relative molle int.est.
scodellino
96 valvole di scarico
132 fasce elastiche di tenuta
90 fasce elastiche raschia olio
150 ugelli per pulverizzatori
24 stantuffi normali
18 spinotti per stantuffi con anello elastico di ferro
12 cuscinetti di biella
5 alberi a manovella
4 pompe iniezione
130 elementi pompanti per pompa combustibile
2 pompe circolazione acqua per motore
4 pompe circolazione olio
2 raffreddatori olio motore
8 filtri olio
2 raffreddatori olio per invertitore
1 gruppo invertitore completo
4 collettori di scarico
3 filtri per carburante
14 condotti flessibili condotta carburante
24 tubicini mandata nafta ai pulverizzatori
3 motorini di avviamento
3 dinamo
4 alberi di comando della distribuzione
8 gruppi bilancieri
14 cinghie per comando dinamo
10 accoppiatoi (di bachelite) per pompa iniezione
10 serie guarnizioni per basamento e testata cilindri
4 termometri (a distanza) per temperatura acqua
15 contagiri
4 manometri olio
10 spazzole per dinamo
10 spazzole per motorini di avviamento
10 porta spazzole
48 bielletto
60 bulloni per bielletto
60 bulloni per bielle madre
2 autoregolatori

2728



- 2 -

n. 30 camicie cilindro
6 valvole limitatrici pressione (paipas) olio
6 pompe spinta nafta
10 alternatori per conta giri
50 valvole di non ritorno
10 riduttori per conta-giri
10 cordini flessibili per conta giri

PEZZI DI RISPETTO PER MOTORI GRAY MARINE

n.200 segmenti (fasce elastiche)
48 cuscinetti di biella
48 cuscinetti di banco
8 pompe acqua
28 pompe spinta nafta
50 pulverizzatori
2 alberi motori



2727

From: Ministry of Defence, Navy.
To: OFLC and for information: Italian Naval Branch, AFHQ.
Date: 15th July 1947.
Ref.: 2435/UT

Subject: Sale to the Italian Government of the landing craft
LCM 1028 and LCM 1037.

Reference is made to the O.F.L.C.'s letter, dated 3rd July 1947.

1. The Ministry of Defence, Navy, is not able to share the Italian Naval Branch's point of view regarding the Allied landing craft which the Italian Navy has requested to purchase, namely, that after the coming into force of the Peace Treaty, Italy will not be authorized to possess the craft because the Treaty, in articles 56, 59 (paragraph 2) and 67 (paragraph 2), prohibits her possession of them.

The Ministry of Defence maintains that the Peace Treaty, like any other act or agreement, should be closely examined, not only in the letter, but also, and principally, on the spirit of its provisions, and that it is only after such a double examination that it is possible to draw an interpretation which corresponds to principles of logic, justice and loyalty.

2. It is true that the Peace Treaty forbids Italy to possess any specialized type of assault craft (art. 59 paragraph 2), and that Appendix XIII defines these as allcraft specially designed or adapted for amphibious operations, and therefore including the landing craft which Italy has asked to purchase. But the spirit, or the purpose, of this prohibition is obviously to prevent Italy possessing or training military landing forces and equipment, or to conceive and execute warlike amphibious operations.

In other words, the limiting clause of art. 59 is a military one, as is also indicated by the title of Part IV, to which art. 59 belongs.

3. The landing craft requested by the Ministry of Defence have no military characteristics or armament, they will not be included among the warships of the Italian Navy, but will be used exclusively for civilian purposes, like any Merchant or private vessels, and like all the other landing craft sold by the Allies to Italian citizens.

It does not appear, therefore, that their possession by Italy can be interpreted as not being in accordance with art. 59, since it would not impose the impossibility of carrying out amphibious war operations which the article itself proposes to apply to Italy.

It may be added that, to carry out amphibious operations, even of a modest size, the few landing craft requested by the Navy would certainly be hardly sufficient.

In conclusion, to enforce the limitations of art. 59 of the Treaty to the craft in question, would be to apply in the economic field a clause which the spirit of the Treaty reserves to the purely military side.

X Ref: MAS 2726-11/N

- 2 -

4. This point of view has already once been supported by the Allied Commission, which in the repeatedly mentioned letter from the Naval Sub-Section, No. INM-11/N/129, dated 15th March 1947, recommended the OFIC to enter into direct negotiation with the Ministry of Defence, Navy, for the sale of LCM's 1028 and 1037.

5. The Ministry of Defence, therefore, without the least intention of attempting to evade the Treaty, confirms its request (made in letter 2164/UT of the 22nd June 1947) to purchase the above 2 craft, certain that, on the coming into force of the Peace Treaty, the Ambassadors of the Four Powers in Rome will come to an agreement with the Italian Government regarding the interpretation of the Treaty by the Ministry of Defence, regarding the landing craft in question.

THE MINISTER.

2725

1 2 3 8

Allied Force Headquarters
ITALIAN NAVAL BRANCH
APO 794

5 July 1947

SI-1/N/ 204

Subject: SPARE PARTS FOR L.C.T.'S.

To: THE COMMANDER-IN-CHIEF, MEDITERRANEAN STATION.
(Copies to: Flag Officer, Malta.
Commodore Superintendent, Malta.)

Reference: (a) The Commander-in-Chief Mediterranean's signal timed
231646 June 1947.

Enclosure: (A) List of spares for Paxman and Gray Marine engines
required by the Italian Navy.

1. Enclosure (A) is forwarded herewith in accordance with
reference (a).

2. It is requested that the total cost price of the stores
listed in enclosure (A) be forwarded as soon as possible for the informa-
tion of the Italian Ministry of Defence, Navy, in order that arrangements
for pre-payment in sterling may be made.

REAR ADMIRAL,
DIRECTOR, ITALIAN NAVAL BRANCH.

2724

X Ref. ATAS/IRN-11/N

Allied Force Headquarters
ITALIAN NAVAL BRANCH
APO 794

5 July 1947

SI-1/H/203

Subject: SPARE PARTS FOR L.C.T.'S.
To: MINISTRY OF DEFENCE, NAVY.
Reference: (a) The Ministry of Defence, Navy's memorandum dated 31 May 1947 from MARISEGREGG, ARAR liaison office.

1. In reply to reference (a), the Ministry of Defence, Navy, is informed that enquiries made into the matter have resulted in a limited quantity of spares for Paxman and Gray Marine engines only, being available in Malta. The cost price of these spares will be communicated in due course.

2. With regard to the Ministry of Defence, Navy's acquisition of Allied landing craft, while it is appreciated that these craft are at present being operated for un-warlike purposes, it would appear unlikely that the Italian Navy will be allowed to retain these craft after the ratification of the Italian Peace Treaty, observing that, in view of the definition of "Specialised Types of Assault Craft" given in Annex XIII of the Treaty, paragraph 2 of Article 59 may be interpreted as prohibiting the employment of these L.C.T.'s by Italy when the Treaty comes into force.

(Sgt) G. L. WARREN

REAR ADMIRAL,
DIRECTOR, ITALIAN NAVAL BRANCH.

8 JUL 1947

2723

NAVAL MESSAGE

From:

TO D.F.M.M. ROME (R) ROM, M.O.L.I., C.B. MALTA.

FROM GIRC MED.

Unclassified.

Your 13 16006 June. Limited quantity of spares are available for Farman and Gray Marine engines.

2. Details of requirements should be forwarded by letter.

.....23 16461/June.....

REF: Spares for Italian Navy.
MSG: 6-5, 10, 15, 16, 21, Log.

TRANSMIT.

P/L.

A.M. 24th.

DGS.

24/6/47.

2722

NAVAL MESSAGE

FROM

TO HQ(X) (R) CIRC MED, F.O.I.L., C.S. MALTA.

FROM D.I.H.B.

Unclassified.

Italian Navy have asked whether stores for following machinery normally fitted in I/O's are available in Malta for purchase by them:-

- (a) Foxman 500 h.p. main engines.
- (b) Gray Marine 250 h.p. engines.
- (c) Fowler Sanders auxiliary motors.
- (d) National Electro Generators.
- (e) Lister Electro Generators.
- (f) Sanderson Electro Generators.

2. Details of stores required will be forwarded on confirmation of availability.

13 1600H/June

DISC: 0-5, 10, 15, 16, 21, 100.
 P/L.

P.M. 13th.

DGS.

18/6/57.

2721

From: MINISTRY OF DEFENCE (NAVY) (Marisegrege - A.R.A.R. Liaison)
 To : F.O.L.I. - Rome
 Date: 31st May 1947

MEMORANDUM

DATE: 13 June 1947.
 FROM: FLAG OFFICER ITALY & LIAISON.
 TO : NAVY SUBCOMMISSION, HQ. AFHA
 Italian Naval Branch AFHA
 FORWARDED FOR APPROPRIATE ACTION

Subject: Spare parts for L.C.T.s

M. Sini
 for REAR ADMIRAL

1. The Italian Navy has acquired from the A.R.A.R. three L.C.T.s (Nos. 386-396-421) which were among the craft left behind at Messina by the Royal Navy.

The Italian Navy has to keep these craft in running order for its own purposes, but serious difficulties have been encountered owing to the lack of spare parts for the following machinery on board :

- a) Main propulsion engines, of the "Phaeton" 500 H.P. type.
- b) "Fowler Sanders", 15 kw. auxiliary motors.
- c) "National" engines
- d) "Lister" engines
- e) "Cray" Marine, 250 H.P. engines.

2. An extensive search has been made in the Italian Naval stores at Messina, where surplus materials are kept, but it appears that the British have left no spare parts whatever for the auxiliary machinery of the L.C.T.s.

Enquiries at the A.R.A.R. had similar negative results.

Considering that the L.C.T.s were transferred to Messina from Malta and Gibraltar after the end of hostilities, it is to be thought that the necessary spare parts for these craft are still stored in the British Naval bases where the L.C.T.s were originally based.

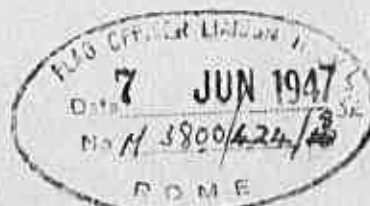
3. As all the L.C.T.s' machinery is of American or British manufacture, it is impossible for the Italian Navy to acquire the necessary spare parts on the Italian market.

4. It would be appreciated if information could be given regarding the release by the Royal Navy of supplies of spare parts which were assembled for the L.C.T.s and in particular, whether such stocks exist at Malta and at Gibraltar and what steps should be taken with the Chief Disposals Officer to obtain possession of them.

13 JUN 1947
 ITALIAN
 The Head of Department,
 (Marisegrege)
 Cdr. Mario SINI.
 Naveo

2720

(Sgd.)



MEMORANDUM

Various landing craft are at the disposal of the Sicily Naval Command and are being employed in the clearance operations of Trapani and Pantelleria.

The main and electric machinery of these craft are of British and American manufacture : Paxman - Gray - Marine - Lister - National - Sanderson.

This machinery is continually breaking down and can not be repaired speedily enough owing to the lack of spare parts, which are gradually being used up or are becoming worn and therefore useless. These landing craft will, therefore, soon be immobilised and it will be impossible to repair them unless the machinery is replaced by similar Italian engines; which, even if it were possible, would be expensive.

The following are possible solutions to the problem :

1. In view of the imminent departure to the U.S.A. of Admiral De Pace, he could purchase directly from the factories, an adequate supply of the required spare parts (list attached).
2. Purchase of the above parts in America through the Italian Embassy in Washington.
3. It is expected, however, that this Command will be authorised to purchase directly at Malta, should the availability of the required parts be confirmed there.

- - - - -

JIE/P.
6

2719

GRAY MARINE

8

RINGS

	192
Connecting rod bearings	24
Bed plate bearings	28
Water pumps	4
Fuel injection pumps	4
Sprayers	24
Engine axis	1

PACMAN ENGINES

Bed plate bearings (in series)	28
Internal rubber sheathing for water pumps	5
Alternators for rev. counter	5
Non-return valves	27
Parts for injection pump	54
Nozzles for sprayers	54
Engine axes	2
Connecting rods	12
Reducers for rev. calculators	5
Flexible cables for rev. indicators	5

LESTER No.2 ELECTRO GENERATORS

Injection pump	1
Sprayers	5
Water pumps	1
Nozzles for sprayers	6
Engine axis	1
Pistons	5

NATIONAL No.1 ELECTRO GENERATORS

Engine shaft	1
Injector pumps	1
Sprayers	2
Water pumps	1
Nozzles for sprayers	3
Engine axis	1

SANDWELSON No.1 ELECTRO GENERATORS

Injector pump	1
Sprayers	2
Water pumps	1
Nozzles for sprayers	3
Engine axis	1

MINISTERO DELLA MARINA

~~MINISTERO DELLA MARINA~~~~MINISTERO DELLA MARINA~~MARISEGREGE
UFFICIO COLLEGATO

Ro , 11 31 Maggio 1947

A/Tenente Vascella

Gold Sell

Prot. N.

PROMEMORIA

ARGOMENTO: Materiali di rispetto per motozattere L.C.T.=

1. - La Marina Militare Italiana ha acquistato dall'A.R.A.R. tre motozattere tipo L.C.T. (N° 386-396-421) provenienti dal contingente di natanti lasciati dalla Marina Inglese a Messina.

La Marina Italiana dovrà mantenere in esercizio tali natanti per i propri servizi, ma si sono incontrate serie difficoltà a causa della mancanza di pezzi di ricambio per i seguenti impianti di bordo:

- a) - Motori principali per la propulsione tipo "Phaxman" da 500 Cav.
 - b) - Motori ausiliari "Fowler Sanders" da 15 Kw.
 - c) - Motori "National"
 - d) - Motori "Lister"
 - e) - Motori "GRAY MARINE" da 250 cav.
2. - Sono state fatte numerose ricerche presso i magazzini della Marina Italiana in cui sono custoditi i materiali surplus a Messina, ma non si è constatato che gli Inglesi non hanno lasciato la minima scorta di pezzi di ricambio per i motori e macchinari ausiliari delle motozattere L.C.T.

Anche le indagini esperite in merito presso l'A.R.A.R. hanno dato esito negativo.

Se si tiene presente che le motozattere L.C.T. vennero trasferite a Messina da Malta e da Gibilterra, dopo la cessazione delle ostilità, è da pensare che le immancabili scorte di pezzi di ricambio per tali motozattere, potrebbero ancora trovarsi custodite nelle basi navali della Marina Britannica presso le quali erano originariamente appoggiate per le operazioni belliche tali unità.

3. - Poiché tutti i motori di cui sono munite le motozattere L.C.T. sono di costruzione Americana o Inglese, è da escludere che la Marina Militare Italiana possa approvvigionarsi sul mercato italiano dei pezzi di ricambio necessari ad assicurare l'esercizio di tali natanti.
4. - Si prega di voler assumere informazioni in merito alla possibilità di ottenere dalla Marina Britannica la cessione delle scorte di pezzi di ricambio che essa si era creata per le motozattere L.C.T. e più precisamente chiedere se a Malta e a Gibilterra esistono tali scorte e quali pratiche dovrebbero essere svolte con il Chief Disposal Officer per ottenerle.

MARISEGREGE

UFFICIO COLLEGAMENTO A.R.A.R.

L'Ufficiale Superiore Addetto

(T. Col. Mauro Sini)

Mauro Sini

PRO-MEMORIA

Sono a disposizione di Mariaella delle Motonettere che sono attualmente adibite alle operazioni di sgombero di Trapani e Pantel-
leria.

Gli apparati motori e i gruppi elettrogeni di detta Unità sono costituiti da motori inglesi o americani: Taxman - Gray - Marine - Lister - National - Sanderson.

Detti motori danno luogo a continue avarie che non è mai possibile riparare con la desiderata celerità per la impossibilità di trovare i pezzi di rispetto necessari.

Con l'andar del tempo detti pezzi divergono irrimediabili sulla piazza, oppure quei pochi che si trovano sono già vecchi e usurati e quindi di scarsissima efficienza.

Ne deriva che fra non molto tutte le motonettere saranno immobilizzate e nulla assoluta possibilità di essere rimesse in efficienza a meno di sostituire integralmente i motori con motori nazionali di caratteristiche similari: cosa che oltre ad essere oggi problematica come realizzazione importerebbe una spesa rilevante.

Esaminata la situazione per far fronte a questa si prospettano le seguenti soluzioni:

- 1) - In vista dell'imminente missione negli Stati Uniti d'America (SUA) dell'Ammiraglio De Pace autorizzare il detto Ammiraglio a procedere all'acquisto diretto presso le fabbriche di un adeguato numero di parti di rispetto dei quali si allega elenco.
- 2) - Effettuare l'acquisto diretto in America delle parti suddette per il tramite della nostra Ambasciata a Washington.*
- 3) - In via subordinata, si prospetta intanto l'opportunità di autorizzare questo Comando ad effettuare l'acquisto diretto a Malta ove risultasse confermata la disponibilità in quella sede dei pezzi occorrenti.

GRAY MARINE 8

SEGMENTI

192

Cuscinetti di biella 24

Cuscinetti di banco 28

Pompa acqua 4

Pompe spinta nafta 4

Polverizzatori 24

Asse motore 1

MOTORI PAXMAN

Cuscinetti di banco (a serie) 28

Camicie di gomma interna per pompa acqua

Alternatori per conta giri

conta giri

Valvoline di non ritorno

Elementi per pompa iniezione

Ugelli per polverizzatori

Asse motore

Biellette

Riduttori per conta giri

Cordini flessibili per conta giri

5 5 5 27 54 54 2 12 5 5

GRUPPO ELETTROGENO LISTER No 2

Pompe iniezione

Polverizzatori

Pompe acqua

Ugelli per polverizzatori

Asse motore

Stantuffo

1 5 1 6 1 5

GRUPPO ELETTROGENO NATIONAL No 1

Alebero motore

Pompe iniezione

Polverizzatori

Pompe acqua

Ugelli per polverizzatori

Asse motore

1 1 2 1 3 1

GRUPPO ELETTROGENO SANDERSON No 1

Pompe iniezione

1

Pompe spinta nafta 4
 Polverizzatori 24
 Asse motore 1

MOTORI PAXMAN

Cuscinetti di banco (a serie) 28
 Camicie di gomma interna per pompa acqua 5
 Alternatori per conta giri 5
 conta giri 5
 Valvoline di non ritorno 27
 Elementi per pompa iniezione 54
 Ugelli per polverizzatori 54
 Asse motore 2
 Bielle 12
 Riduttori per conta giri 5
 Cordini flessibili per conta giri 5

GRUPPO ELETTROGENO LISTER N° 2

Pompe iniezione 1
 Polverizzatori 5
 Pompe acqua 1
 Ugelli per polverizzatori 6
 Asse motore 1
 Stantuffo 5

GRUPPO ELETTROGENO NATIONAL N° 1

Alebero motore 1
 Pompe iniezione 1
 Polverizzatori 2
 Pompe acqua 1
 Ugelli per polverizzatori 3
 Asse motore 1

GRUPPO ELETTROGENO SANDERSON N° 1

Pompa iniezione 1
 Polverizzatori 2
 Pompa acqua 1
 Ugelli per polverizzatori 3
 Asse motore 1

2712

may be interpreted as prohibiting

Chief Force Headquarters
FLEET AIR BRANCH
LPO 794

Ltr. Ref. Date & Subject

Date Rec'd

Share parts for L.C.T.s.

(X) ACTION	INITIAL	DATE
✓ ACTION	Sam	18/8.
DEPLY OFFICER		
300 (11)		
PERSONNEL		
ADMINISTRATION		
X SUPPLY	H	7/7.
IN ALONE		

TYPE AND ACTION TO ACTION OFFICER: Captain Bryce points out that this is not a matter for decision of 4-Power Commission, but of the Council of Ambassadors. It should be informed that it is unlikely that the IN will be allowed to retain these craft after Ratification as they come under prohibition in Category IV. 2. of Annex ^{XIII} (p. 71). Captain Beverly is of the same opinion, quoting Article 59 (2) UN Resolution 20/6.

B.V. 5/9 6th Fleet C in C Red
14/8.

15/89 ACTION COMPLETED - FILE
INITIAL

2713

United Force Headquarters
ITALIAN NAVAL BRANCH
LPO 794

Ltr. Ref. Date & Subject

MINISTRY OF DEFENCE, NAVY. 31 May 1947.

Date Rec'd

13/6/47.

(X) ACTION	INITIAL	DATE
(1) INFO		
DELEGATOR		
DEPUTY DIRECTOR		
CSO (II)		
PERSONNEL		
ADMINISTRATION		
SUPPLY		
ALL HANDS		

SPARE PARTS FOR L.C.T.s

TYPE AND RETURN TO ACTION OFFICER:

See p. 1
Prior to going ahead with obtaining these spare parts for L.C.T.s purchased by the INI suggest the question as to whether CSO obtain confirmation from Capt Long & Capt Barclay that ~~these~~ ^{the INI} will not (A) NOT be allowed to retain these craft after R-day. I'm sure the INI will not wish to pay for these spares in order to find that they have to dispose of the craft afterwards. Article 58 and 59 of the Peace Treaty refer. *Ref. 24/6*

CSO see attached for 24/6
sheet 20/6.

FORM 100-100 23/7 ACTION COMPLETED - FILE INITIAL

2712

1 2 5 2