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INSPECTION TOUR N. ITALY
MAY 1945
MAJOR ENR

Copy to 3 Tusc 1 353/1
 for Tophan
 Inspectional Group - M. Stahli/av
 Major EMB Jeffrey

INTER-OFFICE MINUTES

SUBJECT : Report on Tour of Northern Italy by Major M.B.B. Jeffrey whilst on attachment to M.B.S. - 7 May 48 to 14 May 48.

TO : The Chief
 and 1 Division
 Transportation Sub-Commission A.S.

1. GENERAL.

The tour was made accompanying Colonel M.L. Tophan A.S. (Mech) M.B.S. and Maj. Corbellini I.S.B. with the object of ascertaining the locomotive and rolling stock position and the available railway workshop facilities in Genoa, Turin and Milan.

Bologna and Ancona were also visited on the return journey and the loco running sheds and workshops inspected to ascertain progress of rehabilitation.

The general impressions obtained from observation and discussion with I.S.B. Officials in Northern Italy was that apart from routes 50, 52 and 51 which are badly damaged and will take some months to repairs, the damage to the Northern lines was not heavy and the loco and rolling stock facilities were also very little damaged and no time is being lost by I.S.B. under Maj. Stahli to carry out the rehabilitation repair in an organized and efficient manner.

The main need at the present time is coal of which capacity is to 20,000 tons per month are normally required for the North and only about 3-4000 tons are now available and as a result a more restricted timetable of trains is having to be run than the existing rolling stock and open lines could provide for.

Coal is mined at Ancona but the line 1st is not yet open.

There is also a shortage of timber due to lack of access to I.S.B. ground forests at Vigenfurt and a shortage of copper, and cable, and bolts.

Good transport facilities is also sought and this is

Rail Division
Transportation Sub-Commission A.C.

1. SUMMARY.

The tour was made accompanying Colonel A. Tophen A.D. in (each) U.S.S. and Ing. Carbellini I.S.S. with the object of ascertaining the locomotive and rolling stock position and the available railway workshop facilities in Genoa, Turin and Milan.

Belongs and answers were also visited on the return journey and the loco running sheds and workshops inspected to ascertain progress of rehabilitation.

The general impression obtained from observation and discussion with I.S.S. Officials in Northern Italy was that apart from routes 50, 55 and 61 which are badly damaged and will take some months to repair, the damage to the Northern lines was not heavy and the loco and rolling stock facilities were also very little damaged and no time is being lost by I.S.S. under Ing. Bianchi to carry out the rehabilitation repair in an organized and efficient manner.

The main need at the present time is coal of which commodity is to 50,000 tons per month are normally required for the North and only about 2-4000 tons are now available and as a result a more restricted timetable of trains is having to be run than the existing rolling stock and crew lines could provide for.

Coal is mined at Aosta but the line 141 is not yet open.

There is also a shortage of timber due to lack of access to I.S.S. owned forests at Klagenfurt and a shortage of copper, and shale, and bolts.

Road transport situation is also acute and this is retarding rehabilitation.

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2. TRANSPORT AND ROAD SITUATION.

Transport was by U.S.S. member staff car and the route travelled was as follows:

7 May 40	Route	Road condition
Lechorn La Spezia	Route 1	V. fair except Route becomes to Genoa

- 2 -

9 May 45	Genoa Genova Torre di Voghera Torre di Alessandria Asti Turin Milan	Auto Strada Route 35 " 10 " 10	Road Condition Good " " " v. fair
10 May 45		Auto Strada	several divisions for broken bridges one through river 1 foot deep. Otherwise v. fair
12 May 45	Piacenza	Route 9	High Traffic Fair only many long divisions for broken bridges Pontoon bridges over R.P.O.
13 May 45	Bologna Rimini Ancona Loreto Foligno Terni Rome	" " 16 " 77 " 3 " 3	Fair v. fair but dusty v. fair
14 May 45			

5. ACCOMMODATION

Genoa	Officers Transit Hotel Albergo Astoria Piazza Brignole near Stazione Brignole
Turin	British requisitioned Hotel Albergo Palazzo di Torino adjacent to Stazione Porta Nova (National required)
Milan	A.M.C. Regional Officers Mess. Albergo Principe e Savoia, Piazza Piazza near Public Gardens.
Bologna	- To Unit -
Ancona	- To Officers Mess -

4. CONDITIONS OF LOCO ROLLING STOCK DEPOTS AND PORTS

Location	Firm	Remarks
Genoa (a) Brignole	I.S.R.	Electric Steam Loco Depot and Repair Shops. Good condition shop. Erecting shop only only damaged.

12 May 45	Piacenza	Route 2	Much Traffic Fair only many long divisions for broken bridges Pontoon bridges over R.P.O.
	<u>Polonia</u>	" "	
13 May 45	Imini	" 16	
	<u>Ancona</u>	" "	
	Loreto	" "	
	Poligno	" 77	Fair v. fair but dusty
14 May 45	Temi	" 3	
	Rome	" 8	v. fair

3. ACCOMMODATION

Genoa Officers Transit Hotel Albergo Astoria Piazza
Brignole near Stazione Brignole

Turin British requisitioned hotel Albergo Palazzo di
Torino adjacent to Stazione Porta Nova (Nations
required)

Milan A.M.C. Regional Officers Mess. Albergo Principe
S. Savio, Piazza Piazza near Public Gardens.

Polonia - In Unit -

Ancona - In Officers Mess -

4. CONDITIONS OF LOCO ROLLING STOCK DEPOTS AND WORKSHOPS

<u>Location</u>	<u>Firm</u>	<u>Remarks</u>
<u>Genoa</u> (a) Brignole	I.S.R.	Electric Steam Loco Depot and Repair Shops. Good working shop. Erecting shop. 3433 only damaged. 6 heavy electric repairs per month.
(b) Rivarolo	I.S.R.	Electric Steam Loco Boiler and Stripping shop damaged. 3 heavy repairs per month.
<u>Milan</u> (a) I.S.R. Loco Depot and Repair Shop		No serious damage
(b) Breda Loco Repair shop		- do -

4 Contd.	Location	Plant	Remarks
	Belomur	I.S.R. Loco Depot Repair shop	Completely out of action by bombing and German demolition. Rehabilitation by 163 H.V. Coy R.S. detachment and I.S.R. in hand.
	Amur	I.S.R. Loco Depot and repair shop	Badly damaged by bombing. Rehabilitation in progress and loco repairs being carried out.
	Rezon	(c) Amur Locomotive shops	43 Electric locos. 36 Steam locos under repair. 4 Steam completed in March 45 undamaged.
		(d) I.S.R. Office Ricino	Carriage Repair Shop (new) holding 8 Bogie coaches. Large wood working shop and saw mill small wheel shop. Undamaged. Short of timber.
	Yodisov	I.S.R. Carriage and wagon works	Bombed in April 1945 and repair and erecting shops roof destroyed machine shop forge saw mill wheel shop. Undamaged. 140 coaches and 40 vans under repairs at time of bombing. Short of timber and bolts and nails.
	Turk	(a) I.S.R. Loco Depot	Two sheds round house type one damaged by bombing. Repair shops damaged and work stopped.
		(b) I.S.R. Loco - Carriage works	Large works very little damaged. All machines and equipment intact carriage shops and forge damaged by bombing also part of machine shop.

5. A.C. (Ta) and I.S.R. Staff Contact.

The following contacts were made.

(c) Ansaldo
locomotive shops

43 electric looms.
25 steam looms under repair.
4 steam completed in March 46
undamaged.

(d) I.S.R. Officina
Rialto

Carriage Repair Shop (new)
holding 8 Bogie coaches.
Large wood working shop and
new mill wheel shop.
Undamaged.
Short of timber.

I.S.R.
Carriage and wagon
works

Bombed in April 1945 and
repair and erecting shops
roof destroyed machine shop
forge and mill wheel shop.
Undamaged.
140 coaches and 40 vans
under repairs at time of
bombing. Short of timber and
bolts and nails.

(a) I.S.R. loco
shops

Two sheds round house type
one damaged by bombing.
Repair shops damaged and
work stopped.

(b) I.S.R. loco -
Carriage works

Large works very little
damaged. All machines and
equipment intact carriage
shops and forge damaged by
bombing also part of machine
shop.

S. A.G. (Ta) and I.S.R. Staff Contact.

The following contacts were made.

A.G.

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Genoa

Captain, Company (Civil Eng. Branch)
Office opened in I.S.R. compartment Building
via Andrea Doria (adjacent to Stunione Principe).

Viter

(a) Major Tolbet HQ. 40. Th. Sub-Comm. Adv. Viterlon
(Office Montecchini Building)

(b) Major Buckley (Civil Eng. Branch)
Office opened at Central Station with Sezione
Lavori I.S.R.

(c) Capt. Raymann Movements S. Italy
Office with Sezione Movimenti I.S.R. is
Central Station

I.E.R.

Genoa

ING. ROBERTO
TAC. CAVALLI

Capo Compartimenti
" Servizi Mat. e Trac.

Torino

Capo Compartimenti
Capo Servizi Materiali e Trac.

Milano

ING. RICHIO

Deputy General Director of Railway
(appointment by Committee of Liberation and
approved by Ing. di Raimondo and U.S.S.)

ING. TOFFANO

Capo Servizi Trac. e Materiali

0. LIST OF APPENDICES.

- | | | |
|----------|-----|---|
| Appendix | I | Locomotive situation N. V. Italy 15 May 45 |
| " | II | Rolling stock situation N. V. Italy 15 May 45 |
| " | III | Time table of passenger trains
operated from Milan 8 May 45 |
| " | IV | List of lines open to traffic by steam or
electric traction. |

M. N. V. JEFFERY, Major R.N.

Transp. Sub-Commission (Rail Div.)
20 May 1945
Tel; 643403

Deputy General Director of Railway
(appointment by Committee of Liberation and
approved by Ing. Di Belmonte and M.R.S.)

Ing. Tuffano Capo Service Trains e Materiale

6. LIST OF APPENDICES.

- | | | |
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M.R.S. JEFFERY, Major M.R.

Transp. Sub-Commission (Rail Div.)
20 May 1945
Ref: 662403

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APPENDIX E.

LOCOMOTIVE SITUATION - NORTH WEST ITALY 15 MAY 1945

Available In Shops Salting Scrap TOTAL
shops.

GENOVA DIVISION.

1. On Lines Working.

Main Line	28	29	2	-	53
Shunting	53	12	2	-	47
Electric	61	24	12	-	97
Diesel Railcars	-	5	-	-	5

2. On Lines Blocked.

Main Line	16	-	3	1	20
Shunting	5	-	9	3	17
Electric	16	-	6	5	27
Diesel Railcars	-	-	-	-	-

Total of 1 & 2.

Main Line	38	29	5	1	73
Shunting	39	12	11	2	64
Electric	77	24	18	5	124
Diesel Railcars	-	5	-	-	5

TURIN DIVISION.

Main Line	129	32	42	14	217
Shunting	70	16	34	2	112
Electric	66	43	37	-	145
Diesel Railcars	5	-	-	-	5

MILAN DIVISION.

Main Line	341	60	33	22	345
Shunting	98	51	21	5	155
Electric	191	42	34	24	191
Diesel Railcars	16	25	70	-	111
Electric Railcars	22	22	17	9	70

TOTAL NORTH WEST ITALY.

Main Line
Shunting
Electric
Diesel Railcars

82
54
61
-

29
18
24
5

3
3
13
-

-
-
-
-

53
47
97
5

2. on Lines Blocked.

Main Line
Shunting
Electric
Diesel Railcars

16
6
16
-

-
-
-
-

5
9
6
-

1
2
5
-

20
17
27
-

Total of 1 & 2.

Main Line
Shunting
Electric
Diesel Railcars

38
59
77
-

29
18
24
5

5
11
18
-

1
2
5
-

73
64
124
5

TURIN DIVISION.

Main Line
Shunting
Electric
Diesel Railcars

129
79
66
8

32
16
42
-

42
94
27
-

14
2
-
-

217
112
145
8

MILAN DIVISION.

Main Line
Shunting
Electric
Diesel Railcars
Electric Railcars

241
98
101
15
22

60
21
42
23
22

22
21
24
70
17

22
8
24
-
9

245
155
191
111
70

TOTAL NORTH WEST ITALY.

Main Line
Shunting
Electric
Diesel Railcars
Electric Railcars

405
207
244
24
22

121
69
108
30
22

69
56
79
70
17

27
9
29
-
9

635
331
621
150
124
70

REMARKS: FROM CIRCULATION-TOURISM DIVISION 10-15 MAY 1945

Type	Available	Under Repairs or Construction	Sailing Repairs	Repair
<u>AMERICA Division</u>				
Box	342	88 +	?	?
High Siders	639	)	?	?
Low Siders	179	)	?	?
Plates	-	108	?	?
P.O.s	-	3+	?	?
Tanks	111	19+	?	?
Coaches	26	7+	?	?
Baggage & Postal	11	-	?	?
Miscellaneous				
<u>NAVY Division</u>				
Box	309	370	?	?
High Siders	)	375	?	?
Low Siders	)	-	?	?
Plates	-	50	?	?
P.O.s	-	303	?	?
Tanks	165	39	?	?
Coaches	60	-	?	?
Baggage & Postal	-			
Miscellaneous				
<u>ATLANTIC Division</u>				
Box	1207	202	144	)
High Siders	4998	)	427	)
Low Siders	539	)	-	)
Plates	101	-	46	)
P.O.s	383 (150 for wine only)	10	59	)
Tanks	106	86	43	)
Coaches	176	81	-	)
Baggage & Postal	723	-		)
Miscellaneous				

TOTAL NORTH NAVY ITALY

Cars	10472	1371 +	715 +	409
Coaches	402	410 +	59 +	?
Baggage & Postal	260	177 +	43 +	?

[illegible]

Ministero delle Comunicazioni
Ferrovie dello Stato

PARTENZE ED ARRIVI PER LINEA
NELLA STAZIONE DI MILANO C.le
e MILANO FORCA NUOVA

TRENTI VIAGGIATORI

ORARIO 5 MAGGIO 1945

TRENTI TACETTI CARO A MILANO CENTRALE

MILANO-VARESE-PORTO CERESIO

Ora	Treno	Partenze				Arrivi			
		Orario	Giorno	Destinazione	Fermate	Ora	Treno	Giorno	Provenienza
20.22	ET306	1-3	A	Porto Ceresio	Tutte	6.32	ET303	D	Porto Ceresio

MILANO-DOMODOSSOLA

16.55	1424	2-3	A	15	VIII	Calende	Milano Cer	8.15	1421	A	13	VII	Sesto Cal.
						(1)	Calende						

(1) A Sesto Calende trova coincidenza per Domodossola nei soli giorni di:
Lunedì, giovedì e sabato.

MILANO-LUINO

18.45	1426R	2-3	A	19	X	Luino	Milano Cer	7.29	4031	O	16	VIII	Luino
							Calende						

MILANO-COMO S.G.

6.55	4122	2-3	O	16	VIII	Como S.G.	Tutte	7.05	1475	A	11	VI	Como S.G.
12.05	3682	2-3	A	17	IX	Como S.G.	Tutte	8.04	ET637	A	17	IX	Como S.G.
16.30	ET684	2-3	A	16	VIII	Como S.G.	Tutte	8.33	1477	A	18	IX	Como S.G.
17.53	1482	2-3	A	14	VIII	Como S.G.	Tutte	15.10	ET677	A	14	VII	Como S.G.
19.10	4124	2-3	O	15	VIII	Como S.G.	Tutte	19.35	ET679	A	17	IX	Como S.G.

MILANO-LECCE-SONDRIO

MILANO-VARESE-PORTO CERESIO

Partenza				Arrivi			
Ora	Treno	Giorno	Destinazione	Termate	Ora Treno	Giorno	Provenienza
20.22	ET306	1-3 A	Porto Ceresio	Tutte	6.32	ET303 D	Porto Ceresio

MILANO-DONDOSSOLA

16.55	1424	2-3 A	15 VIII Calende	Milano Ger	B.15	1421 A	13 VII Sesto Cal.
			(1)	tosse-da Le			
				gnano a S.			
				Calende			

(1) A Sesto Calende trova coincidenza per Dondossola nei soli giorni di:
Lunedì, giovedì e sabato.

MILANO-LIVINO

18.45	1426R	2-3 A	19 X	Milano Ger	7.29	4031 O	16 VII Livino
				tosse-da Cal			
				larate e Liv			
				no.			

MILANO-COMO S.G.

6.55	4122	2-3 O	16 VII	Tutte	7.05	1475 A	11 VI Como S.G.
12.05	5632	2-3 A	17 IX	Tutte	8.04	ET637 A	17 IX Como S.G.
16.30	ET584	2-3 A	16 VII	Tutte	8.33	1477 A	18 IX Como S.G.
17.53	1482	2-3 A	14 VII	Tutte	15.10	ET677 A	14 VII Como S.G.
19.10	4124	2-3 O	15 VIII	Tutte	19.35	ET679 A	17 IX Como S.G.

MILANO-LECCO-SONDRIO

621A

7.30	1502	2-3 A	15 VII	Tutte	6.45	4083 O	20 X Lecco
12.38	1504	2-3 A	20 A	Tutte	7.43	1503 A	18 X Lecco
18.05	4086	2-3 O	17 IX	Tutte	14.07	1509 A	19 X Lecco (1)
19.48	4088	2-3 O	15 VII	Tutte	19.47	4085 O	20 X Lecco (1)

(1) In coincidenza a Lecco con treni da e per Sondrio e Chiavenna.

MILANO-BERGAMO via Usato

Partenza				Arrivi			
Ora	Treno	Class	Destinazione	Formato	Ora	Treno	Provenienza
18.22	4137	2-3	X Bergamo	Tutto	7.56	1544	X Bergamo

MILANO-TREVIGLIO-CREMONA

18.14	4177	2-3	VI Cremona	Tutto	8.00	2070	VI Cremona
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MILANO-PIACENZA

5.58	1491	2-3	VI Codogno	Tutto	7.17	3364	9 V Codogno
9.10	33	2-3	D VI Codogno	Tutto	8.00	1352	8 IV Codogno
18.14	1367	2-3	A VI Codogno	Tutto	17.32	3366	10 V Codogno
19.17	1409	2-3	A VI Codogno	Tutto	19.41	520	11 VI Codogno

MILANO-PAVIA (Stradella)-GENOVA

7.05	163	D	13 VII Pavia (1)	Milano Rov. da	6.30	1576	A 8 IV Pavia (1)
9.30	ET651	A	11 VI Pavia (1)	Tutto (Lona to	7.25	4054	O 4 VII Pavia (1)
17.40	1397	A	11 VI Pavia (1)	Tutto (Pavia	13.50	ET650	A 6 VIII Pavia (1)
18.50	1399	A	13 VII Pavia (1)	Milano Lambr	19.50	ET652	A 9 V Pavia (1)
				Milano Rov			
				da Locato T			
				a Pavia			

(1) i. Pavia-trovano coincidenza con il treno da e per Cavananara (Ponto Po)

TRENTI FACENTI CAPO A MILANO P. NUOVA

Partenza				Arrivi			
Treno	Cat.	Ora	Destinazione	Formato	Treno	Cat.	Provenienza
ET102	A	6.04	P. Ceresio	Tutto	ET175	O	6.54 Varese
ET104	A	7.27	Varese	Tutto	ET177	O	7.08 Varese
1814LR	A	8.35	Varese	Tutto	ET101	O	7.39 Varese
ET108	A	11.19	P. Ceresio	Tutto	ET103	A	7.51 Varese
ET112	D	15.55	Varese	Legnano-Busto A.-	ET105	D	7.57 P. Ceresio
				Gallarate-Varese	ET107	D	8.25 Varese
ET114	O	16.05	P. Ceresio	Tutto	ET109	A	8.41 Varese
ET116	A	16.20	Varese	Da Milano Certosa	ET113	D	9.15 P. Ceresio
				a Varese			
ET118	D	16.55	P. Ceresio	Da Gallarate a	ET117	A	1348 P. Ceresio
				P. Ceresio			
ET120	D	17.40	Varese	Legnano-Busto A	ET123	A	17.45 Varese
				Gallarate-Varese			
ET122	D	17.50	P. Ceresio	Milano Bovia-Rho			
				da Farabiego a P.			
				Ceresio.			

9.10	33	2-3	D	10	V	Codogno	Tutto	8.00	1332	4	8	IV	Codogno
13.14	1367	2-3	A	9	V	Codogno	Tutto	17.32	3366	0	10	V	Codogno
19.17	1409	2-3	A	11	VI	Codogno	Tutto	19.41	520	A	11	VI	Codogno

MILANO 3-PAVIA (Stradella)-GENOVA

7.05	163		D	13	VII	Pavia (1)	Milano Rov. da	6.30	1576	A	3	IV	Pavia (1)
9.30	ET651		A	11	VI	Pavia (1)	Tutto (Locate)	7.25	4054	0	4	VII	Pavia (1)
17.40	1397		A	11	VI	Pavia (1)	Tutto (Pavia)	13.50	ET650	A	5	VIII	Pavia (1)
18.50	1399		A	13	VII	Pavia (1)	Milano Lambr.	19.50	ET652	A	9	V	Pavia (1)
							Milano Rov. da Locate T. e Pavia						

(4) i Pavia trovano coincidenza con il treno da e per Cavananara (Ponte Po)

TRENTI FACENTI CAPO A MILANO T. NUOVA

Partenza				Arrivi				
Treno	Cat.	Ora	Destinazione	Formato	Treno	Cat.	Ora	Provenienza
ET102	A	6.04	P. Ceresio	Tutto	ET175	0	6.54	Varese
ET104	A	7.27	Varese	Tutto	ET177	0	7.08	Varese
1814LR	A	8.35	Varese	Tutto	ET101	0	7.39	Varese
ET108	A	11.19	P. Ceresio	Tutto	ET103	A	7.51	Varese
ET112	D	15.55	Varese	Legnano-Busto A. - Gallarate-Varese	ET105	D	7.57	P. Ceresio
ET114	0	16.05	P. Ceresio	Tutto	ET107	D	8.25	Varese
ET116	A	16.20	Varese	Da Milano Certosa e Varese	ET109	A	8.41	Varese
ET118	D	16.55	P. Ceresio	Da Gallarate a P. Ceresio	ET113	D	9.15	P. Ceresio
ET120	D	17.40	Varese	Legnano-Busto A. Gallarate-Varese	ET117	A	13.48	P. Ceresio
ET122	D	17.50	P. Ceresio	Milano Bovia-Rho e da Peschiera a P. Ceresio.	ET123	A	17.45	Varese
ET178	0	17.58	Varese	Tutto	ET125	A	18.30	Varese
ET180	0	18.18	Varese	Tutto	ET127	A	18.52	P. Ceresio
ET126	A	19.15	Varese	Da Rho a Peschiera e da Legnano a Varese.	ET129	A	21.19	P. Ceresio

I treni citati nel presente orario si effettuano tutti i giorni compresi quelli festivi e le domeniche.

APPENDIX IV.

List of Lines open to Traffic by steam and electric traction.

Electric operated.

Route.	Line No.
GENOVA	50
"	61
ARONA	50
ARONA	129
GENOVA	50, 52, 110.
TURIN	101
TURIN	50
"	54, 144.
MILAN	61
MILAN	61, 146, 147.
MILAN	65, 61.
MILAN	65
COLICO	146
SAVIGLIANO	52

Steam Operated.

Route.	Line No.
VOGHERA	59
CANTALUPO	115
TURIN	53
VERCELLI	118, 57.
NOVARA	57
MILAN	53
VERCELLI	116
NOVARA	119
TORRE BERNARDETTI CAVA CARB.	125
MILAN	58
MILAN	53
TRAVIGLIO	140, 158.
TRAVIGLIO	142
TRAVIGLIO	163
TRAVIGLIO	153, 146.
TRAVIGLIO	151, 152.
TRAVIGLIO	141
TRAVIGLIO	148
TRAVIGLIO	54
TRAVIGLIO	57
TRAVIGLIO	54
TRAVIGLIO	127

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 50, 52, 110.
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 VERCELLI MONTANA
 MONTANA CAVA CARB.
 TORRES BURETTI CAVA CARB.
 MILAN MONTANA
 MILAN RIVIZO
 TRIVIGLIO CHIVASSA
 TRIVIGLIO BIELLA
 ORSOGRA PIADENA
 BERGAMO LECCE
 BERGAMO POME S. PIETRO
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