

**CITY OF TORRANCE
INTEROFFICE COMMUNICATION**

DATE: January 18, 2012

TO: Members of City Council Transportation Committee
VIA: LeRoy J. Jackson, City Manager

FROM: Kim Turner, Transit Director

SUBJECT: Torrance Rapid Bus Program Public Hearing Request

Background/Analysis

As previously shared with the committee at your February 24, 2011 Transportation Committee Meeting, the Los Angeles County Metropolitan Transportation Authority (LACMTA) is the main operator of Rapid Bus Programs in the Los Angeles County region of Southern California. Santa Monica Transit and Culver City Transit also currently operate a Rapid Program, and Torrance Transit has now been approached to implement a Rapid service.

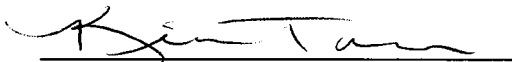
The new service is proposed to run "East-West" from the South Bay Galleria to the Long Beach Transit Mall (and vice versa) during peak service hours. A map of the proposed service, including stops, has been included as ATTACHMENT A of this item. Attributes of the service as well as a proposed service schedule are also attached. (Please see ATTACHMENT B and C).

The Rapid service will mirror Torrance Transit's existing Line 3 fixed route service in certain aspects. Although both services have different points of origin – the Rapid service will begin at the South Bay Galleria, while Line 3 starts at the Redondo Beach Pier – both will have the same terminus at the Long Beach Transit Mall. The Rapid service will have far fewer stops and average trip lengths will be 60 minutes, while 90 minutes is the norm for the Line 3 fixed route service. However, with the introduction of the Rapid service, Transit is proposing to modify our existing schedule for Line 3. Headways or frequency of service will now be 20 minutes for Line 3 instead of 15 minutes. This adjustment will help avoid buses running too closely to one another during peak periods, when the Rapid will be in operation. ATTACHMENT C is the proposed revision to Transit's Line 3 fixed route schedule. The proposed service is scheduled for implementation in the spring of 2012.

To address the operation and capital start up costs for this program, LACMTA has allocated \$7,900,000 to Torrance Transit - \$1,500,000 for Operating Costs and \$6,400,000 for Capital for the purchase of eight alternative fuel buses. The funding has

been approved in federal capital grant CA-95-X146, and all eight (8) buses for this program have been purchased.

Since Torrance Transit is a recipient of Federal Transit Administration (FTA) funds, Transit is required to conduct Public Hearings for any increases or decreases to our service that exceed 25% of the system total. The services outlined above will be directly operated by the Transit Department, and while they do not exceed the 25% change in service threshold Transit would like to conduct public hearings prior to implementation. With your concurrence staff will forward a request to the city council to conduct public hearings in Torrance and Long Beach. Once completed, staff will return to the city council with comments and recommendations for the implementation of the Rapid Bus service and adjustments to the Line #3. During the public hearing process management intends to meet and confer with the impacted collective bargaining groups.

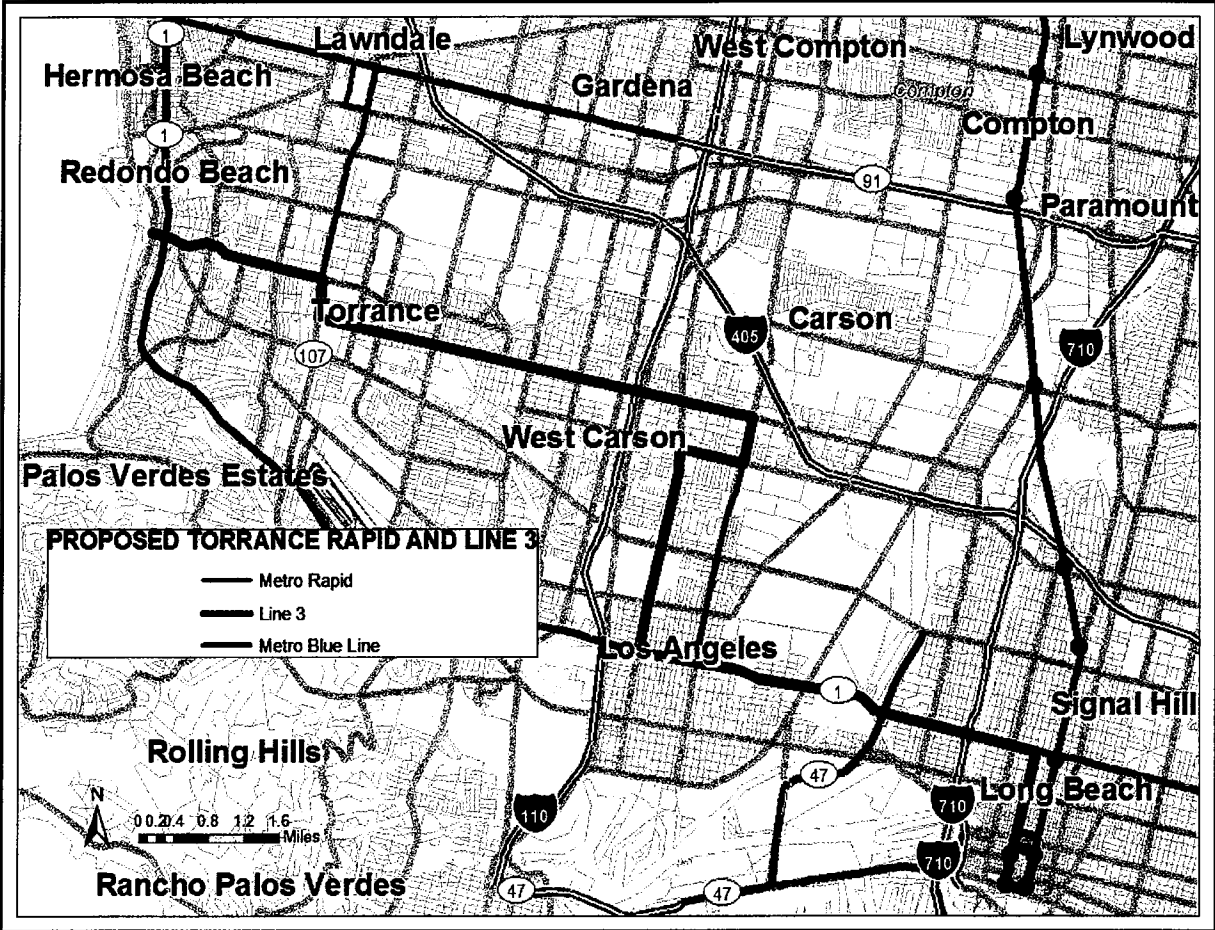


Kim Turner
Transit Director

ATTACHMENTS:

- A. System Map of Proposed Torrance Transit Rapid Service
- B. Attributes of a Torrance Rapid Service
- C. Proposed Service Schedule for Rapid/Proposed Line 3 Schedule

System Map of Proposed Torrance Transit Rapid Service



ATTRIBUTES OF TORRANCE RAPID

Est. Total Revenue Hours	9,807.3 Annual Revenue Hours
Est. Total Revenue Miles	154,224 Annual Revenue Miles
Route Length	16.8 Miles
Peak Buses	7 Peak Buses
Service Frequency	20 Minutes (Weekday Peak Hours Only)
Span of Service	5:39 am – 9:18 am; 2:24 pm – 6:08 pm
One-Way Running Time	57 Minutes Eastbound; 54 Minutes Westbound
Avg. Operating Speed	15.7 Miles Per Hour
Daily Trips	36 One-Way Trips
Number of Stops	18
Avg. Stop Spacing	0.93 Miles
Total Est. Annual Operating Cost	\$1,135,391
Est. Daily Passengers	2,000 Weekday Passengers

December 2011

Torrance Transit Rapid Service Schedule And Proposed Line #3 Schedule

PROPOSED WEEKDAY SCHEDULE - LINE 3 AND RAPID SERVICE (WESTBOUND)

Bus Run		Long Beach Transit Mall	PCH/ Santa Fe	PCH/ Avalon	PCH/ Wilmington	Carson/ Avalon	Carson/ Vermont	Del Amo Mall	Redondo Beach Pier	South Bay Galleria	Depart	
8 P/O	4:09	4:34	4:45		4:55	5:08	5:20	5:30	5:44		6:05	
9 P/O	4:26	4:51	5:03		5:14	5:28	5:40	5:52	6:06		6:25	
1 P/O	4:43	5:08	5:21		5:33	5:47	6:00	6:13	6:28		6:45	
31 P/O	5:14	5:39	5:49	5:55		6:03	6:10	6:20		6:33	6:41	
2		5:28	5:41		5:53	6:07	6:20	6:33	6:48		7:05	
32 P/O	5:34	5:59	6:09	6:15		6:23	6:30	6:40		6:53	7:01	
3		5:48	6:01		6:13	6:27	6:40	6:53	7:08		7:25	
33 P/O	5:54	6:19	6:29	6:35		6:43	6:50	7:00		7:13	7:21	
4		6:08	6:21		6:33	6:47	7:00	7:13	7:28		7:45	
34 P/O	6:14	6:39	6:49	6:55		7:03	7:10	7:20		7:33	7:41	
5		6:28	6:41		6:53	7:07	7:20	7:33	7:48		8:05	
35		6:59	7:09	7:15		7:23	7:30	7:40		7:53	8:01	
6		6:48	7:01		7:13	7:27	7:40	7:53	8:08		8:26	
36		7:19	7:29	7:35		7:43	7:50	8:00		8:13	8:21	
7		7:08	7:21		7:33	7:47	8:00	8:13	8:28		8:47	
37		7:39	7:49	7:55		8:03	8:10	8:20		8:33	P/I	8:43
8		7:30	7:43		7:54	8:07	8:20	8:33	8:48		9:07	
31		7:59	8:09	8:15		8:23	8:30	8:40		8:53	P/I	9:03
9		7:53	8:05		8:15	8:28	8:40	8:54	9:09		9:27	
32		8:19	8:29	8:35		8:43	8:50	9:00		9:13	P/I	9:23
1		8:15	8:27		8:37	8:50	9:00	9:11	9:25		9:47	
2		8:35	8:47		8:57	9:10	9:20	9:31	9:45		10:07	
3		8:55	9:07		9:17	9:30	9:40	9:51	10:05		10:27	
4		9:15	9:27		9:37	9:50	10:00	10:11	10:25		10:47	
5		9:35	9:47		9:57	10:10	10:20	10:31	10:45		11:07	
6		9:55	10:07		10:17	10:30	10:40	10:51	11:05		11:27	
7		10:15	10:27		10:37	10:50	11:00	11:11	11:25		11:47	
8		10:35	10:47		10:57	11:10	11:20	11:31	11:45		12:07	
9		10:55	11:07		11:17	11:30	11:40	11:51	12:05		12:27	
1		11:15	11:27		11:37	11:50	12:00	12:11	12:25		12:47	
2		11:35	11:47		11:57	12:10	12:20	12:31	12:45		1:05	
3		11:55	12:07		12:17	12:30	12:40	12:51	1:05		1:23	
4		12:14	12:26		12:36	12:49	1:00	1:11	1:25		1:40	
5		12:33	12:45		12:55	1:08	1:20	1:31	1:45		1:55	
6		12:52	1:03		1:13	1:26	1:40	1:52	2:05		2:30	
7		1:08	1:20		1:30	1:44	2:00	2:12	2:25		2:50	
8		1:28	1:40		1:50	2:04	2:20	2:32	2:45		3:10	
9		1:46	1:58		2:08	2:23	2:40	2:52	3:05		3:30	
51 P/O	1:59	2:24	2:34	2:40		2:48	2:55	3:05		3:18	3:31	
1		2:09	2:21		2:32	2:47	3:05	3:17	3:31		3:50	
52 P/O	2:19	2:44	2:54	3:00		3:08	3:15	3:25		3:38	3:51	
2		2:29	2:41		2:52	3:07	3:25	3:37	3:51		4:10	
54 P/O	2:39	3:04	3:14	3:20		3:28	3:35	3:45		3:58	4:11	
11 P/O	2:24	2:49	3:01		3:12	3:27	3:45	3:57	4:11		4:30	
53 P/O	2:59	3:24	3:34	3:40		3:48	3:55	4:05		4:18	4:31	
3		3:09	3:21		3:32	3:47	4:05	4:17	4:31		4:50	
55		3:44	3:54	4:00		4:08	4:15	4:25		4:38	4:51	
4		3:29	3:41		3:52	4:07	4:25	4:37	4:51		5:11	
56		4:04	4:14	4:20		4:28	4:35	4:45		4:58	5:11	
10		3:49	4:01		4:12	4:27	4:45	4:57	5:11		5:36	
57		4:24	4:34	4:40		4:48	4:55	5:05		5:18	P/I	5:28
6		4:10	4:22		4:33	4:47	5:05	5:17	5:31		P/I	5:41
51		4:44	4:54	5:00		5:08	5:15	5:25		5:38	P/I	5:48
7		4:32	4:44		4:54	5:08	5:25	5:37	5:51		6:02	
52		5:04	5:14	5:20		5:28	5:35	5:45		5:58	P/I	6:08
8		4:53	5:05		5:15	5:29	5:45	5:57	6:11		6:32	
9		5:12	5:23		5:33	5:47	6:03	6:15	6:29		P/I	6:39
1		5:37	5:49		5:59	6:13	6:28	6:40	6:54		7:02	
2		6:05	6:16		6:26	6:39	6:53	7:05	7:19		7:32	
3		6:35	6:46		6:56	7:11	7:23	7:35	7:49		8:02	
4		7:05	7:16		7:26	7:41	7:53	8:05	8:19		8:32	
7		7:35	7:46		7:56	8:11	8:23	8:35	8:49		9:02	
8		8:05	8:16		8:26	8:41	8:53	9:05	9:19		9:32	
1		8:35	8:46		8:56	9:11	9:23	9:35	9:49		9:56	
2		9:05	9:16		9:26	9:41	9:53	10:05	10:19		P/I	10:29
3		9:35	9:46		9:56	10:11	10:23	10:35	10:49		P/I	10:59
4		10:05	10:16		10:26	10:41	10:53	11:05	11:19		P/I	11:29

PROPOSED WEEKDAY SCHEDULE - RAPID SERVICE (WESTBOUND)

Bus Run		Long Beach Transit Mall	PCH/ Santa Fe	PCH/ Avalon	Carson/ Avalon	Carson/ Vermont	Del Amo Mall	South Bay Galleria	Depart	
31 P/O	5:14	5:39	5:49	5:55	6:03	6:10	6:20	6:33	6:41	
32 P/O	5:34	5:59	6:09	6:15	6:23	6:30	6:40	6:53	7:01	
33 P/O	5:54	6:19	6:29	6:35	6:43	6:50	7:00	7:13	7:21	
34 P/O	6:14	6:39	6:49	6:55	7:03	7:10	7:20	7:33	7:41	
35		6:59	7:09	7:15	7:23	7:30	7:40	7:53	8:01	
36		7:19	7:29	7:35	7:43	7:50	8:00	8:13	8:21	
37		7:39	7:49	7:55	8:03	8:10	8:20	8:33	P/I	8:43
31		7:59	8:09	8:15	8:23	8:30	8:40	8:53	P/I	9:03
32		8:19	8:29	8:35	8:43	8:50	9:00	9:13	P/I	9:23
51 P/O	1:59	2:24	2:34	2:40	2:48	2:55	3:05	3:18	3:31	
52 P/O	2:19	2:44	2:54	3:00	3:08	3:15	3:25	3:38	3:51	
54 P/O	2:39	3:04	3:14	3:20	3:28	3:35	3:45	3:58	4:11	
53 P/O	2:59	3:24	3:34	3:40	3:48	3:55	4:05	4:18	4:31	
55		3:44	3:54	4:00	4:08	4:15	4:25	4:38	4:51	
56		4:04	4:14	4:20	4:28	4:35	4:45	4:58	5:11	
57		4:24	4:34	4:40	4:48	4:55	5:05	5:18	P/I	5:28
51		4:44	4:54	5:00	5:08	5:15	5:25	5:38	P/I	5:48
52		5:04	5:14	5:20	5:28	5:35	5:45	5:58	P/I	6:08

PROPOSED WEEKDAY SCHEDULE - RAPID SERVICE (EASTBOUND)

Bus Run		South Bay Galleria	Del Amo Mall	Carson/ Vermont	Avalon/ Carson	PCH/ Avalon	PCH/ Santa Fe	Long Beach Transit Mall	Depart	
35 P/O	5:31	5:41	5:54	6:02	6:10	6:20	6:27	6:38	6:59	
36 P/O	5:51	6:01	6:14	6:22	6:30	6:40	6:47	6:58	7:19	
37 P/O	6:11	6:21	6:34	6:42	6:50	7:00	7:07	7:18	7:39	
31		6:41	6:54	7:02	7:10	7:20	7:27	7:38	7:59	
32		7:01	7:14	7:22	7:30	7:40	7:47	7:58	8:19	
33		7:21	7:34	7:42	7:50	8:00	8:07	8:18	P/I	8:43
34		7:41	7:54	8:02	8:10	8:20	8:27	8:38	P/I	9:03
35		8:01	8:14	8:22	8:30	8:40	8:47	8:58	P/I	9:23
36		8:21	8:34	8:42	8:50	9:00	9:07	9:18	P/I	9:43
55 P/O	2:16	2:31	2:44	2:52	3:00	3:10	3:17	3:28	3:44	
56 P/O	2:36	2:51	3:04	3:12	3:20	3:30	3:37	3:48	4:04	
57 P/O	2:56	3:11	3:24	3:32	3:40	3:50	3:57	4:08	4:24	
51		3:31	3:44	3:52	4:00	4:10	4:17	4:28	4:44	
52		3:51	4:04	4:12	4:20	4:30	4:37	4:48	5:04	
54		4:11	4:24	4:32	4:40	4:50	4:57	5:08	P/I	5:33
53		4:31	4:44	4:52	5:00	5:10	5:17	5:28	P/I	5:53
55		4:51	5:04	5:12	5:20	5:30	5:37	5:48	P/I	6:13
56		5:11	5:24	5:32	5:40	5:50	5:57	6:08	P/I	6:33

PROPOSED WEEKDAY SCHEDULE - LINE 3 (WESTBOUND)

Bus Run		Redondo							Depart
		Long Beach Transit Mall	PCH/ Santa Fe	PCH/ Wilmington	Carson/ Avalon	Carson/ Vermont	Del Amo Mall	Beach Pier	
8 P/O	4:09	4:34	4:45	4:55	5:08	5:20	5:30	5:44	6:05
9 P/O	4:26	4:51	5:03	5:14	5:28	5:40	5:52	6:06	6:25
1 P/O	4:43	5:08	5:21	5:33	5:47	6:00	6:13	6:28	6:45
2		5:28	5:41	5:53	6:07	6:20	6:33	6:48	7:05
3		5:48	6:01	6:13	6:27	6:40	6:53	7:08	7:25
4		6:08	6:21	6:33	6:47	7:00	7:13	7:28	7:45
5		6:28	6:41	6:53	7:07	7:20	7:33	7:48	8:05
6		6:48	7:01	7:13	7:27	7:40	7:53	8:08	8:26
7		7:08	7:21	7:33	7:47	8:00	8:13	8:28	8:47
8		7:30	7:43	7:54	8:07	8:20	8:33	8:48	9:07
9		7:53	8:05	8:15	8:28	8:40	8:54	9:09	9:27
1		8:15	8:27	8:37	8:50	9:00	9:11	9:25	9:47
2		8:35	8:47	8:57	9:10	9:20	9:31	9:45	10:07
3		8:55	9:07	9:17	9:30	9:40	9:51	10:05	10:27
4		9:15	9:27	9:37	9:50	10:00	10:11	10:25	10:47
5		9:35	9:47	9:57	10:10	10:20	10:31	10:45	11:07
6		9:55	10:07	10:17	10:30	10:40	10:51	11:05	11:27
7		10:15	10:27	10:37	10:50	11:00	11:11	11:25	11:47
8		10:35	10:47	10:57	11:10	11:20	11:31	11:45	12:07
9		10:55	11:07	11:17	11:30	11:40	11:51	12:05	12:27
1		11:15	11:27	11:37	11:50	12:00	12:11	12:25	12:47
2		11:35	11:47	11:57	12:10	12:20	12:31	12:45	1:05
3		11:55	12:07	12:17	12:30	12:40	12:51	1:05	1:23
4		12:14	12:26	12:36	12:49	1:00	1:11	1:25	1:40
5		12:33	12:45	12:55	1:08	1:20	1:31	1:45	1:55
6		12:52	1:03	1:13	1:26	1:40	1:52	2:05	2:30
7		1:08	1:20	1:30	1:44	2:00	2:12	2:25	2:50
8		1:28	1:40	1:50	2:04	2:20	2:32	2:45	3:10
9		1:46	1:58	2:08	2:23	2:40	2:52	3:05	3:30
1		2:09	2:21	2:32	2:47	3:05	3:17	3:31	3:50
2		2:29	2:41	2:52	3:07	3:25	3:37	3:51	4:10
11 P/O	2:24	2:49	3:01	3:12	3:27	3:45	3:57	4:11	4:30
3		3:09	3:21	3:32	3:47	4:05	4:17	4:31	4:50
4		3:29	3:41	3:52	4:07	4:25	4:37	4:51	5:11
10		3:49	4:01	4:12	4:27	4:45	4:57	5:11	5:36
6		4:10	4:22	4:33	4:47	5:05	5:17	5:31	P/I 5:46
7		4:32	4:44	4:54	5:08	5:25	5:37	5:51	6:02
8		4:53	5:05	5:15	5:29	5:45	5:57	6:11	6:32
9		5:12	5:23	5:33	5:47	6:03	6:15	6:29	P/I 6:44
1		5:37	5:49	5:59	6:13	6:28	6:40	6:54	7:02
2		6:05	6:16	6:26	6:39	6:53	7:05	7:19	7:32
3		6:35	6:46	6:56	7:11	7:23	7:35	7:49	8:02
4		7:05	7:16	7:26	7:41	7:53	8:05	8:19	8:32
7		7:35	7:46	7:56	8:11	8:23	8:35	8:49	9:02
8		8:05	8:16	8:26	8:41	8:53	9:05	9:19	9:32
1		8:35	8:46	8:56	9:11	9:23	9:35	9:49	9:56
2		9:05	9:16	9:26	9:41	9:53	10:05	10:19	P/I 10:34
3		9:35	9:46	9:56	10:11	10:23	10:35	10:49	P/I 11:04
4		10:05	10:16	10:26	10:41	10:53	11:05	11:19	P/I 11:34

PROPOSED WEEKDAY SCHEDULE - LINE 3 (EASTBOUND)

Bus Run	Redondo							Long Beach	Depart
	Beach Pier	Del Amo Mall	Carson/ Vermont	Avalon/ Carson	PCH/ Wilmington	PCH/ Santa Fe	Transit Mall		
2 P/O	4:10		4:20	4:32	4:41	4:52	5:03	5:17	5:28
3 P/O	4:30		4:40	4:52	5:01	5:12	5:23	5:37	5:48
4 P/O	4:50		5:00	5:12	5:21	5:32	5:43	5:57	6:08
5 P/O	5:10		5:20	5:32	5:41	5:52	6:03	6:17	6:28
6 P/O	5:29		5:39	5:52	6:02	6:13	6:24	6:38	6:48
7 P/O	5:30	5:45	5:58	6:12	6:22	6:34	6:46	6:59	7:08
8		6:05	6:18	6:32	6:42	6:54	7:06	7:19	7:30
9		6:25	6:38	6:52	7:02	7:14	7:26	7:39	7:53
1		6:45	6:58	7:12	7:22	7:34	7:46	7:59	8:15
2		7:05	7:18	7:32	7:42	7:54	8:06	8:19	8:35
3		7:25	7:38	7:52	8:02	8:14	8:26	8:39	8:55
4		7:45	7:58	8:12	8:22	8:34	8:46	8:59	9:15
5		8:05	8:18	8:32	8:42	8:54	9:06	9:19	9:35
6		8:26	8:38	8:52	9:02	9:14	9:26	9:39	9:55
7		8:47	8:58	9:12	9:22	9:34	9:46	9:59	10:15
8		9:07	9:18	9:32	9:42	9:54	10:06	10:19	10:35
9		9:27	9:38	9:52	10:02	10:14	10:26	10:39	10:55
1		9:47	9:58	10:12	10:22	10:34	10:46	10:59	11:15
2		10:07	10:18	10:32	10:42	10:54	11:06	11:19	11:35
3		10:27	10:38	10:52	11:02	11:14	11:26	11:39	11:55
4		10:47	10:58	11:12	11:22	11:34	11:46	11:59	12:14
5		11:07	11:18	11:32	11:42	11:54	12:06	12:19	12:33
6		11:27	11:38	11:52	12:02	12:14	12:26	12:39	12:52
7		11:47	11:58	12:12	12:22	12:34	12:46	12:59	1:08
8		12:07	12:18	12:32	12:42	12:54	1:06	1:19	1:28
9		12:27	12:38	12:52	1:02	1:14	1:26	1:39	1:46
1		12:47	12:58	1:12	1:22	1:34	1:46	2:00	2:09
2		1:05	1:17	1:32	1:43	1:56	2:09	2:23	2:29
3		1:23	1:36	1:52	2:04	2:17	2:31	2:45	3:09
4		1:40	1:55	2:12	2:27	2:40	2:54	3:08	3:29
5		1:55	2:10	2:27	2:42	2:55	3:10	3:24	P/I 3:49
10 P/O	1:55	2:10	2:25	2:42	2:57	3:10	3:25	3:39	3:49
6		2:30	2:45	3:02	3:17	3:30	3:45	4:02	4:10
7		2:50	3:05	3:22	3:37	3:50	4:05	4:22	4:32
8		3:10	3:25	3:42	3:57	4:10	4:25	4:42	4:53
9		3:30	3:45	4:02	4:17	4:30	4:45	5:02	5:12
1		3:50	4:05	4:22	4:37	4:50	5:05	5:22	5:37
2		4:10	4:25	4:42	4:57	5:10	5:25	5:42	6:05
11		4:30	4:45	5:02	5:17	5:30	5:45	6:02	P/I 6:27
3		4:50	5:05	5:22	5:37	5:50	6:05	6:22	6:35
4		5:11	5:26	5:42	5:57	6:10	6:23	6:40	7:05
10		5:36	5:51	6:07	6:21	6:34	6:46	7:03	P/I 7:28
7		6:02	6:16	6:32	6:45	6:58	7:09	7:26	7:35
8		6:32	6:46	7:02	7:15	7:28	7:39	7:56	8:05
1		7:02	7:16	7:32	7:45	7:58	8:09	8:26	8:35
2		7:32	7:46	8:02	8:15	8:28	8:39	8:56	9:05
3		8:02	8:16	8:32	8:45	8:58	9:09	9:26	9:35
4		8:32	8:46	9:02	9:15	9:28	9:39	9:56	10:05
7		9:02	9:16	9:32	9:45	9:58	10:09	10:26	P/I 10:51
8		9:32	9:46	10:02	10:15	10:28	10:39	10:56	P/I 11:21
1		9:56	10:10						P/I 10:20