

# Fixed Route Bus Schedules

## December 2019 through March 2020

Also see back. Not all bus stops are listed.



# Niigata Kotsu Sado

Ryotsu: 0259-27-5164 Aikawa: 0259-74-3131  
Sawata: 0259-57-5114 Ogi: 0259-86-3130

### Bus Schedules

This timetable is not applicable from December 31, 2019 to January 3, 2020. Services will be limited during that period. The bus timetable for that period will be posted at each bus stop, or contact the nearest information office for more detail.

Buses may be delayed or cancelled in case of severe weather or traffic conditions.

Please have small change or a 1,000 yen bill ready before getting on the bus. The fare machine and bus driver cannot accept large bills such as 10,000 yen, 5,000 yen and 2,000 yen. Our driver may not be able to speak English. Thank you.

\*Each bus displays a sign behind the windshield indicating its line number with a capital letter of the destination for which the bus is bound. (e.g. 2S means the bus is bound for Sawata on Line #2, Minamisen Line.) New vehicles have the LED destination board displaying line # with the destination in bilingual. Bus time may vary depending on traffic conditions.

### ① Hon-sen Line (1 R <-----> 1 A)

R						A					
Ryotsu Port 両津港	Kanai 金井	Sawata BS 佐和田BS	Kirarium Sado きりりうむ佐	Aikawa 相川	Gold Mine 金山	Gold Mine 金山	Aikawa 相川	Kirarium Sado きりりうむ佐	Sawata BS 佐和田BS	Kanai 金井	Ryotsu Port 両津港
6.23a	6.44a	6.58a	7.14a	7.18a			4.08a	4.10a	4.28a	4.40a	5.03a
W 6.55a	7.17a	7.31a	7.47a	7.51a			5.08a	5.10a	5.28a	5.40a	6.03a
	7.16a	7.41a	7.55a	8.11a	8.15a		6.08a	6.10a	6.28a	6.40a	7.03a
	7.30a	8.00a	8.15a	8.31a	8.35a		6.58a	7.00a	7.18a	7.32a	7.57a
W 8.10a	8.39a	8.53a	9.09a	9.13a			7.33a	7.35a	7.53a	8.07a	8.36a
	8.20a	8.49a	9.03a	9.19a	9.23a	9.32a	7.48a	7.50a	8.08a	8.22a	8.51a
	8.40a	9.09a	9.23a	9.39a	9.43a		8.53a	8.55a	9.13a	9.27a	9.56a
	9.15a	9.44a	*10.01a	10.17a	10.21a	10.30a	9.35a	9.43a	9.45a		
	10.00a	10.29a	*10.46a	11.02a	11.06a		9.48a	9.50a	*10.08a	10.25a	10.55a
	10.35a	11.04a	*11.21a	11.37a	11.41a		10.35a	10.43a	10.45a		
	11.00a	11.29a	*11.46a	12.02p	12.06p	12.15p		10.48a	10.50a	*11.08a	11.25a
	12.00p	12.29p	*12.46p	1.02p	1.06p	1.15p		11.13a	11.15a	*11.33a	11.50a
	12.50p	1.19p	* 1.36p	1.52p	1.56p	2.05p		11.53a	11.55a	*12.13p	12.30p
	1.15p	1.44p	* 2.01p	2.17p	2.21p		W 12.13p	12.15p	12.33p	12.50p	1.19p
	2.15p	2.44p	* 3.01p	3.17p	3.21p	3.30p		12.20p	12.28p	12.30p	
	3.15p	3.44p	* 4.02p	4.20p	4.22p			12.58p	1.00p	* 1.18p	1.35p
	4.10p	4.35p	* 4.52p	5.08p	5.12p			1.20p	1.28p	1.30p	2.06p
	4.45p	5.10p	* 5.27p	5.46p	5.49p			1.58p	2.00p	* 2.18p	2.35p
	5.10p	5.35p	* 5.52p	6.08p	6.12p			2.10p	2.18p	2.20p	3.06p
Q 5.45p	6.10p	6.24p	6.40p	6.44p				2.33p	2.35p	* 2.53p	3.10p
S 6.10p	6.35p	6.49p	7.05p	7.09p				3.18p	3.20p	* 3.38p	3.55p
	6.40p	7.05p	7.20p	7.35p	7.40p			3.35p	3.43p	3.45p	4.24p
	7.25p	7.47p	8.00p	8.15p	8.20p			4.08p	4.10p	* 4.28p	4.45p
	10.07p	10.28p	10.40p	10.55p	11.00p			4.43p	4.45p	* 5.03p	5.20p
								5.18p	5.20p	* 5.38p	5.56p
								5.48p	5.50p	* 6.08p	6.25p
								6.13p	6.15p	6.33p	6.47p
								6.43p	6.45p	7.03p	7.17p
								7.58p	8.00p	8.18p	8.30p
							W	8.23p	8.25p	8.43p	8.54p

W: Weekdays only. Sat., Sun., and national holidays only.  
A: 12/1 to 1/11, 2/27 to 3/31  
B: 1/12 to 2/26  
Q: No service on Sat, Sun, and national holidays from 1/12 to 3/22.  
S: 1/12 to 3/27

### ④ Uchi-kaifu Line (4 R <-----> 4 I)

(No service between Masaragawa and Iwayaguchi during the winter season)

R					I				
Ryotsu Port 両津港	Waki 和木北	Washi -zaki 鷺崎	Ono -game 大野亀	Masara -gawa 真更川	Masara -gawa 真更川	Ono -game 大野亀	Washi -zaki 鷺崎	Waki -kita 和木北	Ryotsu Port 両津港
W 6.48a	7.09a	(KR1)			W 5.58a	6.12a	6.30a	7.03a	7.36a
W 7.34a	7.55a	8.27a	8.44a	8.58a	(G)	6.43a	6.58a	7.35a	8.02a
	8.40a	9.01a	9.33a	9.50a			(KR3)	7.35a	8.02a
	12.19p	12.42p	1.16p	1.33p	1.49p	W 9.10a	9.24a	9.50a	10.23a
W 12.19p	12.47p	1.19p	1.36p	1.51p		10.14a	10.28a	10.54a	11.26a
	3.18p	3.40p	4.12p	4.36p	4.49p		2.02p	2.16p	2.33p
W 3.20p	3.47p	4.19p	4.43p	4.57p			5.19p	5.33p	5.50p
W 5.39p	6.06p	(KR2)						(KR4)	6.32p
S 6.49p	7.12p	7.45p	7.59p	N1					6.55p
D 6.49p	7.16p	7.49p	8.03p	N2					

W: Weekdays only. Sat., Sun., and national holidays only.  
S: No school days. D: School days. G: Negai: 6.42a  
KR1: Kurohime 7:19a, KR2: Kurohime 6:18p N1: Negai 8:02p  
KR3: Kurohime 7.22a, KR4: Kurohime 6.22p N2: Negai 8:06p

### ⑨ Kaifu Line (9 S <-----> 9 I)

S							I						
Sawata BS 佐和田BS	Kirarium Sado きりりうむ佐	Aikawa 相川	Tassha 達者	Senkaku-wan 尖閣湾	Hirane-zaki 平根崎	Iwaya-guchi 岩谷口	Iwaya-guchi 岩谷口	Hirane-zaki 平根崎	Senkaku-wan 尖閣湾	Tassha 達者	Aikawa 相川	Kirarium Sado きりりうむ佐	Sawata BS 佐和田BS
W 6.39a	6.56a	6.58a	7.08a	7.11a	7.18a		6.33a	7.14a	7.21a	7.25a	7.36a	7.39a	7.57a
	7.00a	7.17a	7.19a	7.29a	7.32a	7.39a	8.20a	7.23a	7.30a	7.34a	7.48a	7.50a	8.08a
		9.48a	9.50a	10.00a	10.04a	10.11a	10.52a	8.30a	9.10a	9.17a	9.21a	9.32a	9.35a
		11.45a	11.47a	11.58a	12.02p	12.10p	12.51p	8.30a	9.10a	9.17a	9.21a	9.39a	9.42a
W 12.35p	12.37p	12.54p	12.58p	1.05p	1.46p	W 10.57a	11.35a	11.42a	11.46a	11.57a	11.59a	12.17p	
W 2.10p	2.28p	2.30p	2.40p	2.44p	2.51p	3.33p	11.40a	12.18p	12.25p	12.29p	12.40p	12.42p	1.00p
W		3.30p	3.32p	3.42p	3.47p	3.55p	2.45p	3.24p	3.31p	3.35p	3.46p	3.48p	
		3.45p	3.47p	3.57p	4.00p	4.08p	3.45p	4.25p	4.32p	4.36p	4.47p	4.50p	
		4.02p	4.20p	4.22p	4.33p	4.36p		4.53p	5.00p	5.04p	5.18p	5.20p	5.38p
W		4.35p	4.37p	4.47p	4.51p	5.00p	4.52p	5.31p	5.38p	5.42p	5.53p	5.55p	
W		5.27p	5.47p	5.49p	5.59p	6.03p	5.05p	5.44p	5.51p	5.55p	6.06p	6.08p	
		6.55p	7.13p	7.15p	7.25p	7.29p	5.50p	6.28p	6.35p	6.39p	6.49p	6.50p	7.08p

W: Weekdays only. Sat., Sun., and national holidays only.

### ⑥ Nanaura-kaigan Line (6 S <-----> 6 A)

S			A				
Sawata BS 佐和田BS	Futami 二見	Kirarium Sado きりりうむ佐	Aikawa 相川	Hanga-mura 版画村	Gold Mine 金山	Kirarium Sado きりりうむ佐	Aikawa 相川
7.30a	7.43a	8.04a	* 8.07a	* 8.11a	-----	* 8.20a	* 8.23a
W 8.48a	9.02a	9.23a	* 9.26a	* 9.31a	* 9.36a	* 9.45a	* 9.48a
	10.35a	10.49a	11.10a	11.13a			
	12.55p	1.09p	1.30p	1.33p			
	2.05p	2.19p	2.40p	* 2.43p	* 2.47p	* 2.52p	* 3.01p
W 4.30p	4.44p	5.05p	5.09p				
	6.45p	6.59p	7.20p	7.23p			

\* : One-way loop services.  
W: Weekdays only. Sat, Sun and national holidays only.

A		Loop service			A		S	
Kirarium Sado きりりうむ佐	Aikawa 相川	Hanga-mura 版画村	Gold Mine 金山	Kirarium Sado きりりうむ佐	Aikawa 相川	Futami 二見	Sawata BS 佐和田BS	
				-----	6.39a	7.04a	7.19a	
* 8.48a	* 8.50a	* 8.54a	* 8.59a	* 9.08a	* 9.11a	9.36a	9.51a	
* 11.25a	* 11.27a	* 11.31a	* 11.36a	* 11.45a	* 11.48a	12.11p	12.25p	
W * 12.30p	* 12.32p	* 12.37p	* 12.42p	* 12.51p	* 12.54p	1.17p	1.31p	
W * 3.10p	* 3.12p	* 3.16p	* -----	* 3.25p	* 3.28p	3.51p	4.06p	
* 4.10p	* 4.12p	* 4.16p	* 4.21p	* 4.30p	* 4.33p	4.56p	5.11p	
* 5.27p	* 5.29p	* 5.33p	* -----	* 5.42p	* 5.45p	6.08p	6.23p	

\* : One-way loop services  
W: Weekdays only. Sat, Sun and national holidays only.  
⑬: Continuing service to Kuninaka-Kanamaru Line

## Fixed Route Bus Passes

Offer ends on March 31, 2020.

## Three-day Pass

Unlimited bus ride for three consecutive days  
Adults: ¥3,000  
Children: ¥1,500

## Two-day Pass

Unlimited bus ride for two consecutive days  
Adults: ¥2,500  
Children: ¥1,250

## One-day Pass

Unlimited bus ride for one-day  
Adults: ¥1,500  
Children: ¥750

Passes are available at Niigata Kotsu Sado Offices in Ryotsu, Ogi, Sawata and Aikawa, and Sado Kisen Niigata Port and Naetsu Port. Those passes are also available on buses only when the exact amount is paid.

# Bus schedules from December 2019 through March 2020

Also see front.

Not all bus stops are listed.

## Bus Schedules

This timetable is not applicable from December 31, 2019 to January 3, 2020. Services will be limited during that period. The bus timetable for that period will be posted at each bus stop, or contact the nearest information office for more detail.

Buses may be delayed or cancelled in case of severe weather or traffic conditions.

Please have small change or a 1,000 yen bill ready before getting on the bus. The fare machine and bus driver cannot accept large bills such as 10,000 yen, 5,000 yen and 2,000 yen. Our driver may not be able to speak English. Thank you.

\*Each bus displays a sign behind the windshield indicating its line number with a capital letter of the destination for which the bus is bound. (e.g. 2S means the bus is bound for Sawata on Line #2, Minamisen Line.) New vehicles have the LED destination board displaying line # with the destination in bilingual. Bus time may vary depending on traffic conditions.

### ② Minami-sen Line (2R <-----> 2S)

R						S					
Ryotsu	Tokinomori-koen	Niibo-shogakko-mae	Hatano-jujiro	Mano-shinmachi	Sawata BS	Sawata BS	Mano-shinmachi	Hatano-jujiro	Niibo-shogakko-mae	Tokinomori-koen	Ryotsu
両津港	トキの森公園	新穂小学校前	畑野十字路	真野新町	佐和田BS	佐和田BS	真野新町	畑野十字路	新穂小学校前	トキの森公園	両津港
7.02a	-	7.21a	7.28a	7.42a	7.58a	7.06a	7.18a	7.30a	7.36a	-	7.59a
7.46a	-	8.05a	8.12a	8.24a	8.38a	7.45a	7.58a	8.10a	8.17a	-	8.40a
8.40a	9.07a	9.14a	9.21a	9.34a	9.47a	9.30a	9.42a	9.54a	10.01a	10.09a	10.37a
9.17a	9.43a	9.50a	9.57a	10.10a	10.23a	10.35a	10.47a	10.59a	11.06a	11.14a	11.42a
10.40a	11.06a	11.13a	11.20a	11.33a	11.46p	11.15a	11.27a	11.39a	11.46a	11.54a	12.22p
12.00p	12.27p	12.34p	12.41p	12.54p	1.07p	12.10p	12.22p	12.34p	12.41p	12.49p	1.17p
1.10p	1.36p	1.43p	1.50p	2.03p	2.16p	1.15p	1.27p	1.39p	1.46p	1.54p	2.22p
2.10p	2.36p	2.43p	2.50p	3.05p	3.16p	2.35p	2.47p	2.59p	3.06p	3.14p	3.42p
3.15p	-	3.34p	3.40p	3.54p	4.07p	3.20p	3.32p	3.44p	3.51p	-	4.12p
3.15p	3.41p	3.48p	3.55p	4.08p	4.21p	3.20p	3.32p	3.44p	3.51p	3.59p	4.27p
4.10p	-	4.31p	4.37p	4.50p	5.03p	4.20p	4.32p	4.44p	4.51p	-	5.14p
4.10p	4.36p	4.43p	4.50p	5.03p	5.16p	4.20p	4.32p	4.44p	4.51p	4.59p	5.27p
4.52p	-	5.11p	5.17p	5.30p	5.43p	5.25p	5.37p	5.49p	5.56p	-	6.19p
R 5.46p	-	6.05p	6.11p	6.24p	6.37p	6.20p	6.32p	6.43p	6.49p	-	7.10p
S 6.10p	-	6.30p	6.36p	6.49p	7.02p	7.05p	7.17p	7.28p	7.34p	-	7.54p
6.40p	-	7.00p	7.06p	7.19p	7.32p	7.45p	7.56p	8.06p	8.12p	-	8.31p
10.07p	-	10.26p	10.32p	10.43p	10.56p						

Sat, Sun, national holidays only.  
R: No service on Sat, Sun, and national holidays from 1/12 to 3/22.  
S: 1/12 to 2/26 and Sat, Sun, and national holidays from 2/29 to 3/22.  
For Ogi, make transfer to #10 Ogi Line at Mano-shinmachi.

### ③ Higashi-kaigan Line (3R <-----> 3O)

R					O				
Ryotsu	Kawasaki	Suizu	Iwakubi		Oda	Iwakubi	Suizu	Kawasaki	Ryotsu
両津港	河崎	水津	岩首		多田	岩首	水津	河崎	両津港
12.12p	12.22p	12.40p	1.12p		W 6.33a	6.45a	7.11a	7.29a	7.40a
3.17p	3.27p	3.45p	4.17p		6.55a	7.07a	7.33a	7.51a	8.04a
W 4.46p	4.56p	5.14p		(KT1)	A 7.48a	8.00a	8.31a	8.47a	8.57a
6.47p	6.57p	7.15p	7.45p	7.57p		1.19p	1.50p	2.06p	2.16p
						4.24p	4.55p	5.11p	5.21p
					W	(KT2)	5.35p	5.52p	6.03p

KT1: Katanoo 5.23p KT2: Katanoo 5.30p  
A: Departure Akadomari 7:31a  
W: Weekdays only. Sat., Sun., and national holidays only.

### ⑪ Shukunegi Line (11O <-----> 11S)

O					S				
Ogi	Shukunegi	Taiko Centre	Sawasaki	Etsumi	Etsumi	Sawasaki	Taiko Centre	Shukunegi	Ogi
小木港	宿根木	太鼓体験館	沢崎	江積	江積	沢崎	太鼓体験館	宿根木	小木港
12.26p	12.40p	12.50p	1.03p	1.10p	J 7.15a	7.22a	7.35a	7.44a	7.58a
4.15p	4.29p	4.40p	4.53p	5.00p	1.38p	1.45p	1.56p	2.05p	2.16p
J1 5.15p	5.29p	5.40p	5.53p	6.00p	5.19p	5.26p	5.37p	5.46p	5.57p

Sat, Sun, national holidays only.  
J, J1, J2: Services will be provided by a jumbo taxi (up to 9 passengers).  
If the number of passengers exceeds 5, call 0259-81-3150. J1, J2: Weekdays only.

### ⑩ Ogi Line (2S <-----> 2O)

S					O				
Sawata BS	Mano-shinmachi	Nishi-mikawa	Hamochi H.S	Ogi	Ogi	Hamochi H.S	Nishi-mikawa	Mano-shinmachi	Sawata BS
佐和田BS	真野新町	西三川	羽茂高校	小木	小木	羽茂高校	西三川	真野新町	佐和田BS
7.34a	7.46a	8.04a	8.22a	8.34a	6.45a	6.56a	7.15a	7.36a	7.52a
8.25a	8.37a	8.54a	9.12a	9.23a	W 6.45a	6.56a	7.15a	7.36a	7.55a
9.40a	9.52a	10.10a	10.30a	10.42a	8.13a	8.24a	8.43a	9.02a	9.16a
10.30a	10.42a	11.00a	11.20a	11.32a	9.50a	10.00a	10.21a	10.39a	10.52a
12.45p	12.58p	1.16p	1.36p	1.48p	P 11.25a	11.35a	11.56a	12.14p	12.28p
S 3.00p	3.12p	3.30p	3.50p	4.02p	W 12.15p	12.25p	12.46p	1.04p	1.17p
4.00p	4.12p	4.30p	4.50p	5.02p	1.45p	1.55p	2.16p	2.34p	2.47p
4.45p	4.57p	5.16p	5.36p	5.48p	W 3.10p	3.20p	3.41p	3.59p	4.12p
W 5.30p	5.43p	6.01p	6.19p	6.31p	P 4.05p	4.16p	4.37p	4.57p	5.11p
7.10p	7.23p	7.41p	7.59p	8.11p	S 5.15p	5.25p	5.46p	6.04p	6.17p
					6.55p	7.05p	7.24p	7.43p	7.56p

Weekdays only. Sat, Sun, and national holidays only.  
S: Services originating from Aikawa via Honsen Line (10.10a and 2.40p).  
P: Services continuing to Aikawa via Honsen Line (12.48p, 5.32p).  
For Ryotsu, make transfer to #2 Minami-sen Line at Mano-shinmachi, or to #1 Honsen Line at Sawata BS.

### ⑬ Akadomari Line (16S <-----> 16O)

S				O			
Sawata BS	Mano-shinmachi	Akadomari gyokuyomae	Ogi	Ogi	Akadomari gyokuyomae	Mano-shinmachi	Sawata BS
佐和田BS	真野新町	赤泊漁協前	小木	小木	赤泊漁協前	真野新町	佐和田BS
W 7.08a	7.19a	8.01a	8.37a	7.30a	8.01a	8.48a	9.01a
1.00p	1.13p	1.59p	2.24p	2.05p	2.43p	3.30p	3.43p
4.10p	4.23p	5.09p	5.34p	3.38p	4.16p	5.00p	5.13p

W: Weekdays only.

### ⑦ Maehama Line (7H <-----> 7O)

H				O			
Hamochi High School	Akaiwa	Akadomari gyokuyomae	Oda	Oda	Akadomari gyokuyomae	Akaiwa	Hamochi High School
羽茂高校	赤岩	赤泊漁協前	多田	多田	赤泊漁協前	赤岩	羽茂高校
W 7.13a	7.24a	7.38a	MB1	W 7.12a	7.29a	7.43a	7.56a
J1 9.39a	9.54a	10.09a	SR1	J2 SR2	10.39a	10.54a	11.05a
J 1.40p	1.55p	2.10p	2.26p	J3 3.08p	3.23p	3.37p	3.50p
J4 5.45p	5.59p	6.14p	6.30p	J4 4.05p	4.20p	4.34p	4.47p

MB1: Mushi-roba 7.46a MB2: Mushi-roba 7.48a J5: 6.40p 6.55p  
SR1: Sunrise Jogahama 10.14a SR2: Sunrise Jogahama 10.34a  
J1: Departure Ogi 9:30a J2: Arrival Ogi 11:18a J3: Sat, Sun, and national holidays only.  
J4: Weekdays only. J5: Services will be provided by a jumbo taxi on Sat, Sun, and national holidays.  
J, J1, J2, J3: Services will be provided by a jumbo taxi (up to 9 passengers).  
If the number of passengers exceeds 5, call 0259-81-3150. W: Weekdays only.

### ⑭ Iwakubi Line (14S <-----> 14K)

S					K				
Sawata	Kanai	Hatano-jujiro	Demata-bashi	Oda	Kaki-noura	Oda	Demata-bashi	Hatano-jujiro	Kanai
佐和田	金井	畑野十字路	出又橋	多田	柿野浦	多田	出又橋	畑野十字路	金井
1.30p	1.42p	1.57p	2.09p	2.36p	6.32a	6.47a	7.14a	7.26a	7.40a
5.30p	5.42p	5.57p	6.09p	6.36p	3.12p	3.27p	3.56p	4.08p	4.22p
									4.35p

### ⑧ Watatsu Line (8H <-----> 8K)

H				K			
Hamochi High School	Osaki	Takidaira	Kami-Kawamo	Kami-Kawamo	Takidaira	Osaki	Hamochi High School
羽茂高校	大崎	滝平	上川茂	上川茂	滝平	大崎	羽茂高校
6.53a	7.06a	7.10a	7.20a	7.22a	7.32a	7.35a	7.50a
12.30p	12.43p	12.47p	12.57p	W 7.22a	7.32a	7.46a	8.01a
W 12.30p	12.43p	12.57p	1.07p	12.59p	1.09p	1.12p	1.27p
4.40p	4.53p	4.57p	5.07p	W 1.09p	1.19p	1.22p	1.37p
W 5.40p	5.53p	5.57p	6.07p				

Weekdays only. Sat, Sun, and national holidays only.  
All services will be provided by a jumbo taxi (up to 9 passengers).  
If the number of passengers exceeds 5, call 0259-81-3150.

### ⑬ Kuninaka Kanamaru Line (Sawata BS <-----> Sawata BS) This is a loop line service.

Sawata BS	Sado Hospital	Mano-shinmachi	Hatano-jujiro	Sogo H. School	Niibo Elem. School	Minagawa	Sado Hospital	Sawata BS
佐和田BS	佐渡病院	真野新町	畑野十字路	総合高校前	新穂小学校前	皆川	佐渡病院	佐和田BS
7.19a	7.34a	7.45a	8.03a	8.07a	8.10a	8.14a	8.18a	8.33a
12.00p	12.15p	12.29p	12.44p	12.48p	12.51p	12.55p	12.59p	1.14p

⑬: Services originating from #6 Nanaura Kaigan Line. Also see #6 table.

Sawata BS	Sado Hospital	Minagawa	Niibo Elem. School	Sogo H. School	Hatano-jujiro	Mano-shinmachi	Sado Hospital	Sawata BS
佐和田BS	佐渡病院	皆川	新穂小学校前	総合高校前	畑野十字路	真野新町	佐渡病院	佐和田BS
W 4.17p	4.32p	4.36p	4.40p	4.44p	4.47p	4.58p	5.16p	5.31p
W 6.12p	6.27p	6.31p	6.35p	6.39p	6.42p	6.54p	7.11p	7.26p