Priority | Address(es) | Originator | Recharge | Date/Time | Initials | Flight | A/C Registration | Version | Crew | L D M | Date:

TÜRK HAVA YOLLARI
TURKISH AIRLINES
Passenger Aircraft
ALL WEIGHTS IN KILOS

		MAX.WEIGHT FOR	ZERO FUEL	TAKE-OFF	LANDING
BASIC WEIGHT					
COCKPIT CREW BAG.	+				
CABIN CREW BAG.	+	TAKE-OFF FUEL +		TRIP FUEL +	
PANTRY	+				
	+	ALLOWED WEIGHT FOR TAKE-OFF (Lowest of 1,2,3) =	1	2	3
DRY OPERATING WEIGHT	=				
TAKE-OFF FUEL	+	OPERATING WEIGHT –			
OPERATING WEIGHT	=	ALLOWED TRAFFIC LOAD =			

Dest	NO OF PAX M	F	CH	INF	CAB. BAG.	TOTAL	DISTRIBUTION WEIGHT 1	2	3	4	5 bulk	0 cabin	REMARKS PAX C	Y	PAD C	Y
						Tr										
						B										
						C							CY/		PAD/	
						M										
						EIC										
						T	1/	2/	3/	4/	5/					
						Tr										
						B										
						C							CY/		PAD/	
						M										
						EIC										
						T	1/	2/	3/	4/	5/					
						Tr										
						B										
						C							CY/		PAD/	
						M										
						EIC										
						T	1/	2/	3/	4/	5/					
TOTAL:																

Passenger Weight + + + +

TOTAL TRAFFIC LOAD	=	ALLOWED TRAFFIC LOAD	–
DRY OPERATING WEIGHT	+	UNDERLOAD BEFORE LMC	=
ZERO FUEL WEIGHT	LMC ± =	Check LMC Total with Underload	
Max	± =		
Take-Off Fuel	+		
TAKE-OFF WEIGHT	LMC ± =		
Max allowed			
RTOW	± =		
Trip Fuel	–		
LANDING WEIGHT	LMC ±		
Max allowed			
RLDW	±		

SI | RWY | OAT | Wind C.

NOTES:

LAST MINUTE CHANGES

DEST	Specification	CI/cpt	±	WEIGHT	INDEX
	LMC TOTAL +/–				

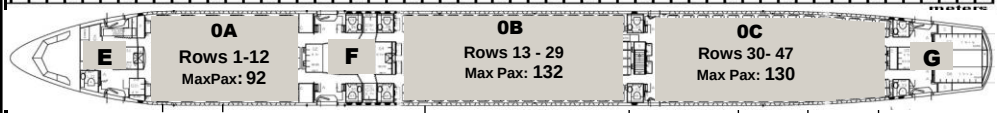
Check LMC Total with Underload

PREPARED BY | APPROVED BY | PREPARED BY

BALANCE | SEATING COND

TOTAL PASSENGERS

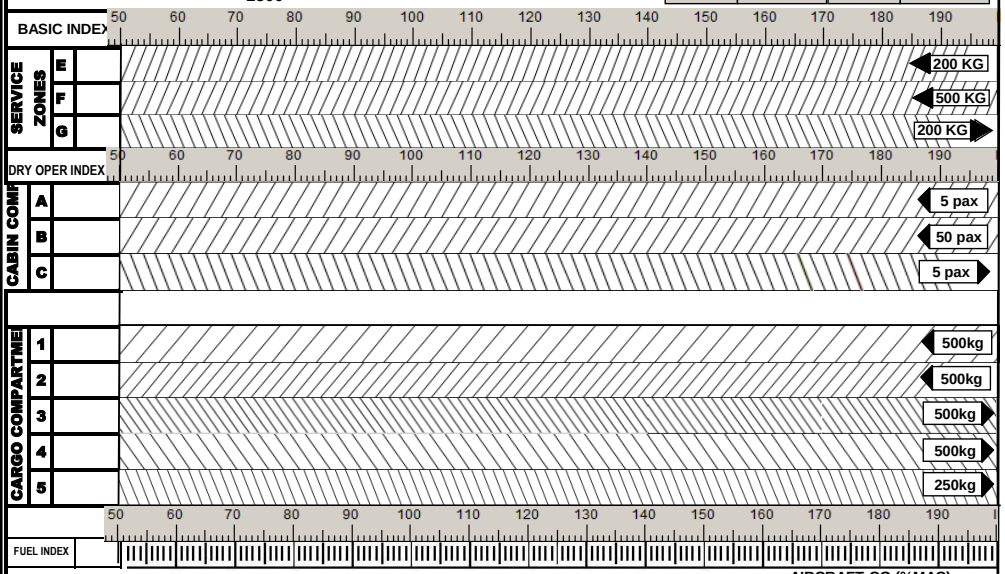
01 July 2016 **LOAD and TRIM SHEET** 354seatconf. **A340-311**

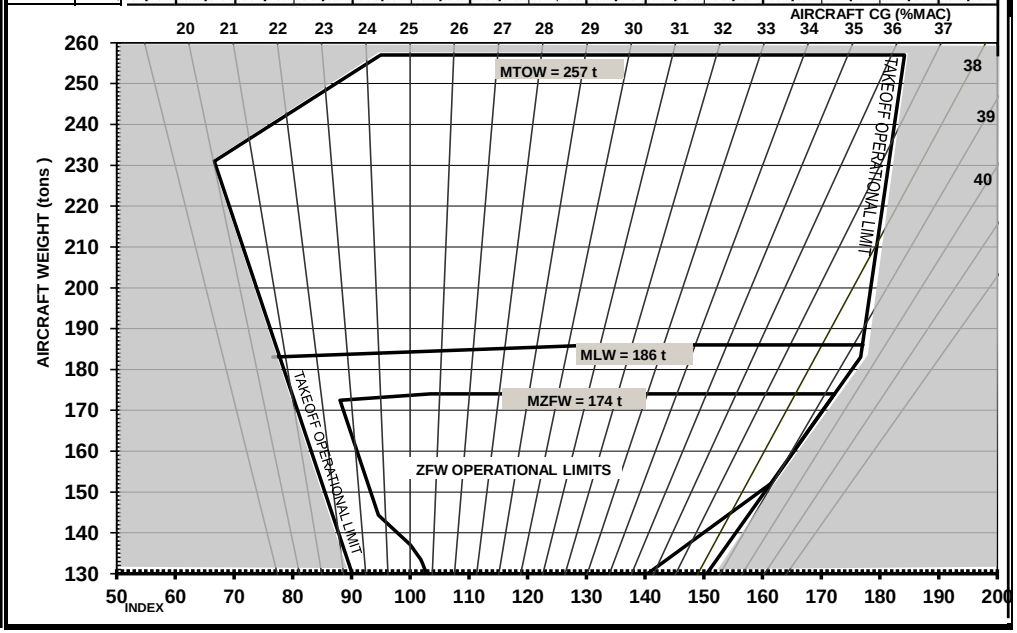


CARGO COMP. MAX LOAD	1	2	3	4	5
	22861 KG		18507 KG		3468KG

INDEX FORMULAE: I = Harm-6.3495 / 2500 x W I = (CG - 25) x 0.000029 x W +100

BASIC INDEX | DRY OP. INDEX





A340-311 TC-JDJ,JDL,JDM LOAD & TRIM SHEET reverse side

Turkish Airlines

FUEL INDEX TABLE .

WEIGHT	DENSITY (kg/l)														
(kg)	0.76	0.765	0.77	0.775	0.78	0.785	0.79	0.795	0.8	0.805	0.81	0.815	0.82	0.825	0.83
2000	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2
4000	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4
6000	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6
8000	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8
10000	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8
12000	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4
14000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16000	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3
18000	–1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
20000	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–1	–1	–1	–1	–1
22000	–4	–4	–4	–4	–4	–4	–4	–4	–4	–3	–3	–3	–3	–3	–3
24000	–6	–6	–6	–6	–6	–6	–6	–5	–5	–5	–5	–5	–5	–5	–5
26000	–8	–8	–8	–8	–8	–8	–7	–7	–7	–7	–7	–7	–7	–7	–7
28000	–10	–10	–10	–9	–9	–9	–9	–9	–9	–9	–9	–9	–9	–8	–8
30000	–12	–11	–11	–11	–11	–11	–11	–11	–11	–11	–11	–10	–10	–10	–10
32000	–13	–13	–13	–13	–13	–13	–13	–13	–12	–12	–12	–12	–12	–12	–12
34000	–15	–15	–15	–15	–15	–14	–14	–14	–14	–14	–14	–14	–14	–14	–14
36000	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16	–15	–15	–15
36500	–17	–17	–17	–17	–17	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16
37000	–11	–11	–11	–11	–11	–11	–11	–11	–11	–11	–11	–10	–10	–10	–10
37500	–6	–6	–6	–6	–5	–5	–5	–5	–5	–5	–5	–5	–5	–5	–5
38000	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
38500	5	6	6	6	6	6	6	6	6	6	6	6	6	7	7
39000	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11
41500	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9
44000	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7
46500	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
49000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
51500	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
54000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56500	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
59000	2	1	1	1	1	1	0	0	0	0	0	0	–1	–1	–1
61500	2	2	2	1	1	1	1	0	0	0	0	0	–1	–1	–1
64000	3	3	3	2	2	2	1	1	1	0	0	0	0	–1	–1
66500	5	4	4	4	3	3	2	2	2	1	1	1	0	0	0
69000	7	6	6	5	5	4	4	3	3	3	2	2	1	1	1
71000	9	9	8	7	7	6	6	5	5	4	4	3	3	2	2
73000	10	10	10	10	9	8	8	7	6	6	5	5	4	4	3
75000	10	10	10	10	10	10	10	9	9	8	7	7	6	6	5
77000	9	9	9	10	10	10	10	10	10	9	9	9	8	8	7
79000	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9
81000	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9
83000	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8
85000	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8
87000	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7
89000	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6
91000	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5
93000	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
95000	1	1	1	2	2	2	2	2	3	3	3	3	3	3	4
97000	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3
99000	–1	0	0	0	0	0	1	1	1	1	1	2	2	2	2
101000	–2	–2	–1	–1	–1	0	0	0	0	0	1	1	1	1	1
103000	–3	–3	–2	–2	–2	–1	–1	–1	–1	0	0	0	0	0	1
105000	–5	–4	–4	–3	–3	–2	–2	–2	–2	–1	–1	–1	–1	0	0
107000			–5	–5	–4	–4	–3	–3	–3	–2	–2	–2	–1	–1	–1
109000						–5	–5	–4	–4	–3	–3	–3	–2	–2	–2
111000									–5	–5	–4	–4	–3	–3	–3
113000											–6	–5	–5	–4	–4
115000														–6	–5
FULL	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6

Priority | Address(es) | Initials

Originator | Recharge Date/Time | L D M

Flight | A/C Registration | Version | Crew

TÜRK HAVA YOLLARI
TURKISH AIRLINES
Passenger Aircraft
ALL WEIGHTS IN KILOS

Date:

		MAX.WEIGHT FOR	ZERO FUEL	TAKE-OFF	LANDING
BASIC WEIGHT					
COCKPIT CREW BAG.	+				
CABIN CREW BAG.	+	TAKE-OFF FUEL +		TRIP FUEL +	
PANTRY	+				
	+	ALLOWED WEIGHT FOR TAKE-OFF (Lowest of 1,2,3) =	1	2	3
DRY OPERATING WEIGHT	=				
TAKE-OFF FUEL	+	OPERATING WEIGHT –			
OPERATING WEIGHT	=	ALLOWED TRAFFIC LOAD =			

Dest	NO OF PAX M	F	CH	INF	CAB. BAG.	TOTAL	DISTRIBUTION WEIGHT 1	2	3	4	5 bulk	0 cabin	REMARKS PAX C	Y	PAD C	Y
						Tr										
						B										
						C							CY/		PAD/	
						M										
						EIC										
						T	1/	2/	3/	4/	5/					
						Tr										
						B										
						C							CY/		PAD/	
						M										
						EIC										
						T	1/	2/	3/	4/	5/					
						Tr										
						B										
						C							CY/		PAD/	
						M										
						EIC										
						T	1/	2/	3/	4/	5/					
TOTAL:																

Passenger Weight + + + +

TOTAL TRAFFIC LOAD	=	ALLOWED TRAFFIC LOAD	SI
DRY OPERATING WEIGHT	+		RWY
ZERO FUEL WEIGHT	LMC ± =	UNDERLOAD BEFORE LMC =	OAT
Max	± =		Wind C.
Take-Off Fuel	+	Check LMC Total with Underload	NOTES:
TAKE-OFF WEIGHT	LMC ± =		
Max allowed RTOW	± =		
Trip Fuel	–		
LANDING WEIGHT	LMC ± =		
Max allowed RLDW	± =		

LAST MINUTE CHANGES

DEST	Specification	CI/cpt	±	WEIGHT	INDEX

LMC TOTAL +/–

Check LMC Total with Underload

PREPARED BY

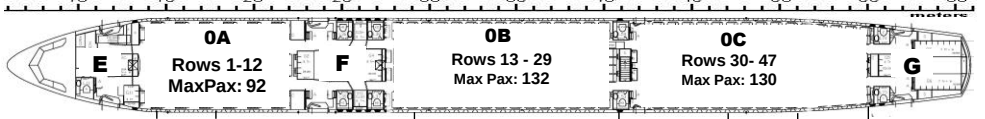
PREPARED BY

APPROVED BY

BALANCE	SEATING COND

TOTAL PASSENGERS

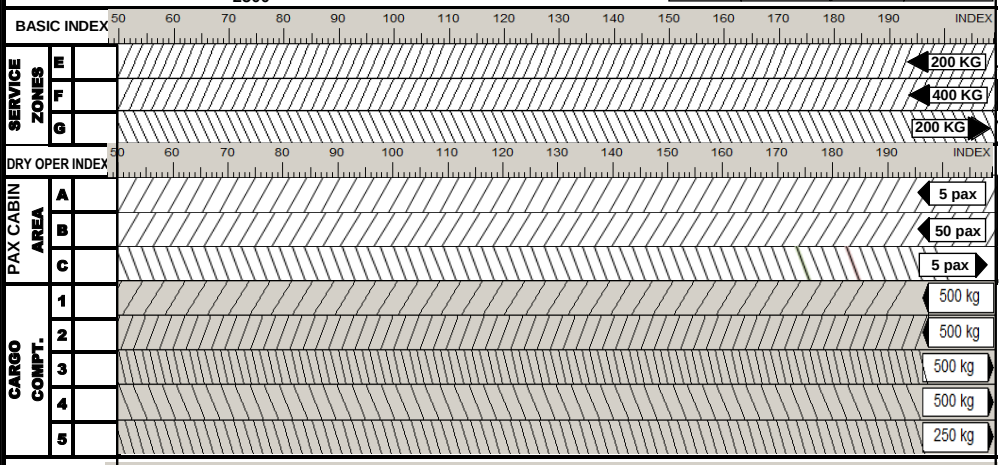
25 May 2016 **LOAD & TRIM SHEET** Vers: **354Y** **A340-313**

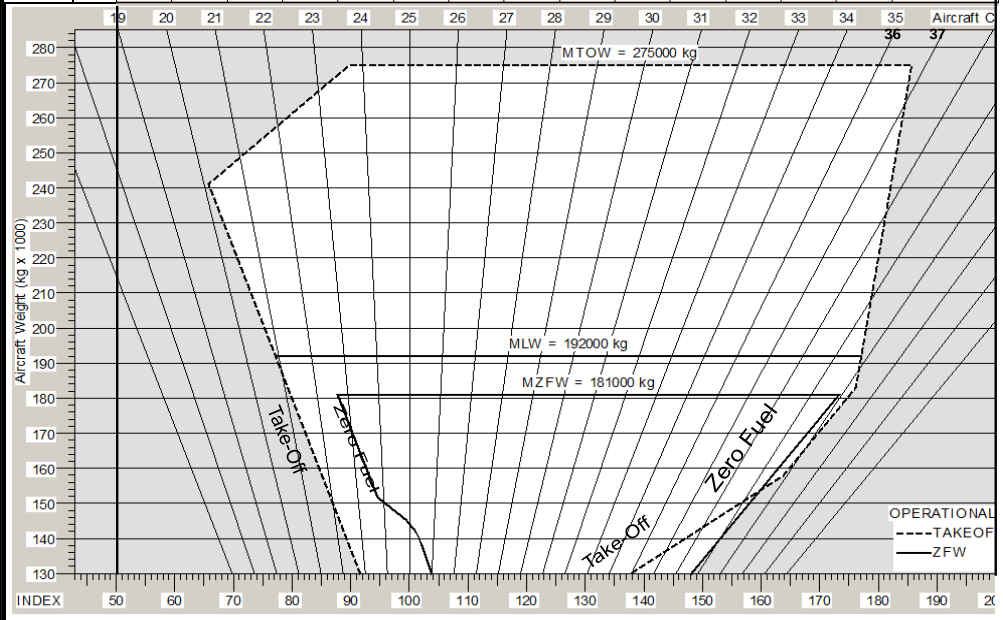


CARGO COMP	1	2		3	4	5
MAX LOAD	22861 KG			18507 KG		3468KG

INDEX FORMULAE: $I = \frac{\text{Harm-36.3495}}{2500} \times W + 100$ $I = (CG - 25) \times 0.000029 \times W + 100$

BASIC		DRY OP. INDEX	





A340-313 **LOAD & TRIM SHEET reverse side**

Turkish Airlines **FUEL INDEX TABLE** .

WEIGHT	DENSITY (kg/l)														
(kg)	0.76	0.765	0.77	0.775	0.78	0.785	0.79	0.795	0.8	0.805	0.81	0.815	0.82	0.825	0.83
2000	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2
4000	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4
6000	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6
8000	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8
10000	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8	–8
12000	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4	–4
14000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16000	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3
18000	–1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
20000	–2	–2	–2	–2	–2	–2	–2	–2	–2	–2	–1	–1	–1	–1	–1
22000	–4	–4	–4	–4	–4	–4	–4	–4	–4	–3	–3	–3	–3	–3	–3
24000	–6	–6	–6	–6	–6	–6	–6	–5	–5	–5	–5	–5	–5	–5	–5
26000	–8	–8	–8	–8	–8	–8	–7	–7	–7	–7	–7	–7	–7	–7	–7
28000	–10	–10	–10	–9	–9	–9	–9	–9	–9	–9	–9	–9	–9	–8	–8
30000	–12	–11	–11	–11	–11	–11	–11	–11	–11	–11	–11	–10	–10	–10	–10
32000	–13	–13	–13	–13	–13	–13	–13	–13	–12	–12	–12	–12	–12	–12	–12
34000	–15	–15	–15	–15	–15	–14	–14	–14	–14	–14	–14	–14	–14	–14	–14
36000	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16	–15	–15	–15
36500	–17	–17	–17	–17	–17	–16	–16	–16	–16	–16	–16	–16	–16	–16	–16
37000	–11	–11	–11	–11	–11	–11	–11	–11	–11	–11	–11	–10	–10	–10	–10
37500	–6	–6	–6	–6	–5	–5	–5	–5	–5	–5	–5	–5	–5	–5	–5
38000	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
38500	5	6	6	6	6	6	6	6	6	6	6	6	6	7	7
39000	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11
41500	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9
44000	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7
46500	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
49000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
51500	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
54000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56500	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
59000	2	1	1	1	1	1	0	0	0	0	0	0	–1	–1	–1
61500	2	2	2	1	1	1	1	0	0	0	0	0	–1	–1	–1
64000	3	3	3	2	2	2	1	1	1	0	0	0	0	–1	–1
66500	5	4	4	4	3	3	2	2	2	1	1	1	0	0	0
69000	7	6	6	5	5	4	4	3	3	3	2	2	1	1	1
71000	9	9	8	7	7	6	6	5	5	4	4	3	3	2	2
73000	10	10	10	10	9	8	8	7	6	6	5	5	4	4	3
75000	10	10	10	10	10	10	10	9	9	8	7	7	6	6	5
77000	9	9	9	10	10	10	10	10	10	9	9	9	8	8	7
79000	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9
81000	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9
83000	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8
85000	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8
87000	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7
89000	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6
91000	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5
93000	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4
95000	1	1	1	2	2	2	2	2	3	3	3	3	3	3	4
97000	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3
99000	–1	0	0	0	0	0	1	1	1	1	1	2	2	2	2
101000	–2	–2	–1	–1	–1	0	0	0	0	0	1	1	1	1	1
103000	–3	–3	–2	–2	–2	–1	–1	–1	–1	0	0	0	0	0	1
105000	–5	–4	–4	–3	–3	–2	–2	–2	–2	–1	–1	–1	–1	0	0
107000			–5	–5	–4	–4	–3	–3	–3	–2	–2	–2	–1	–1	–1
109000						–5	–5	–4	–4	–3	–3	–3	–2	–2	–2
111000									–5	–5	–4	–4	–3	–3	–3
113000											–6	–5	–5	–4	–4
115000														–6	–5
FULL	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6	–6