# User Manual

# HHT Auto Berth Allotment & Release

Version 2.7.2-v-9

(Last updated: 23/12/2022)

User manual for special version of 2.7.2 of HHT Client App for Auto Allotment and Release of Vacant Berth

### About

This version of HHT app is same as 2.7.2 with facility of Automatic Berth allocation to RAC, Part WL, Full WL, and standing Passengers with proper boarding authority (EFT/Pass holders).

#### Process

- 1. Complete attendance marking (Turn UP and Not Turn UP both) in a Coach with selected Boarding Points and save changes.
- 2. Press Auto Allot Berth button.
  - a. It will assign available vacant berths (from assigned coaches of TTE) to turned up
    - i. RAC passenger
    - ii. Part WL passenger
  - b. If all RAC and Part WL passengers from assigned coaches are confirmed, remaining vacant berths will be used to allot Full WL and other standing passengers with valid travel authority.
  - c. After allotting berths to passengers, it will show berth allocation summary of current allocation
- 3. Move to other assigned coaches and perform the same.
- 4. After allotment of all RAC, part WL, and other standing passengers, remaining vacant berths will be released to PRS and all changes done will be synchronised with server automatically.
- 5. Pass booking module only allow assignment of "standing "option only. Berth will be allotted from "Allot Berth & Release" button from chart page.

#### Points to note:

- 1. All team members in a train should use auto allotment version for best results.
- 2. During auto allocation, priority maintained in selected coach only. So lowest RAC no in that Coach will get first priority.
- 3. RAC passenger's initial berth numbers in PRS chart may not be according to the RAC waiting list number always. For example, RAC 3 may be allotted to berth no 23, and RAC 5 to berth 15 in PRS Chart.
- 4. HHT auto allocation will give priority to the lowest RAC/waiting list number only (not berth number sequence).
- 5. No berth allocation will take place if user does not press "Allot Berth & Release" button on chart page after marking passenger attendance explicitly.
- 6. Auto allocation will not take place if there is any unchecked RAC or Part WL passenger present in the selected coach and boarding points to restrict priority breach among passengers present in the selected coach and boarding points.

#### Detailed Process with Screenshot

1. Open chart page

E HHT 2.7.2. User :	. 🕥 Naresh Kr [Sh	OLAPUR1]	<b>u</b> <	
Duty Details :				
Trip ID :		5F60093		
Train Src Date :		22.12.2022		
Train No :		12952 - MUMBAI R	AJDHANI EXPRE	
Duty Station :		NDLS $\rightarrow$ MMCT		
Coaches Assigned :		A2,A3,A4,A5,B1,B2	,B3,B4	
Remote :		NDLS, KOTA, RTM,	BRC, ST	
Private Cash :		₹ 100		
Last Load Time :		27.12.2022 12:10:1	5	
Last Synced Time :				
Network :		Connected via wifi		
Chart status :				
A2 (59)	A3 (60)	A4 (71)	A5 (68)	
B1 (152)	B2 (108)	B3 (84)	B4 (120)	
A1 (89)	B5 (80)	B6 (82)	B7 (78)	
B8 (76)	B9 (79)	B10 (76)	B11 (77)	
H1 (32)	W/L (12)		D	2.
				Click here for View Char
▲ NEW CHAI	RT/DUTY	VIEW	CHART	
		•		
1.Click here for	New			

2. Select suitable boarding point and coach to check passenger.

← [ A	LL 1394 🔅	] A2		AI	LLOT BI	ERTH	& RELI	EASE	<u>]</u> વ	5
Boarding	g NDLS, K	OTA, N	🔻 De	board	ing	KOTA	A, NAI	), RTI	M	
ALL	NC	TU	NT	1	CAN	C	URR		RAC	_
57 60 A2 A3 A	<b>70</b> 66 149 A4 A5 B1	<b>108</b> B2	<b>84 119</b> B3 B4	<b>89</b> A1	<b>80</b> B5	<b>82</b> B6	<b>78</b> B7	<b>76</b> B8	<b>79</b> B9	B
0	DANIEL MAS M 7- ENV	SEY	260925 260925	5167 5167 -	ND MN N	LS- ACT IOSB				
1	VIJAY MASSE M65- ENV- &	Y	260925 0 -	5167	ND MN	LS- /ICT	-			
2	CHRISTINA M F36- ENV- &	IASSE	260925 0 -	5167	ND MN	LS- ICT	-			
3	RITA MASSEY F58- ENV- &	Z	260925 0 -	5167	ND MN	LS- ICT	-			
4	ASHISH MAS M36- ENV- &	SEY	260925 0 -	5167	ND MN	LS- /ICT	-			
6	PRIYANKA PA F27- E V- ^	ANJAB	215218 0 -	1629	ND MN	LS- ⁄ICT	15 <b>-</b> 2			
7	S L LUTHRA M79- V- #		234871 400367	4597 78 -	ND MN SS-	LS- ACT 	-	s	ave	
	•		•							

Here coach A2 is selected

← [ RA	C 118	] A2		AL	LOT BE	RTH 8	& RELF	EASE	] Q
Boarding	NDLS,	KOTA, N	• Deb	oardii	ng ]	KOTA	, NAE	), RTM	1
ALL	NC	TU	NT	(	CAN	CI	JRR	R	AC
6 6 6 6 A2 A3 A4	6 A5 H	8 8 8 B1 B2 E	8 8 33 B4	<b>6</b> A1	8 B5	<b>8</b> B6	<b>8</b> B7	<b>8</b> B8	<b>8</b> B9 H
23	GOUSOI M42- E V	Boardi	ing			LS- ICT 	-		
23	FIDAHU M48- E I	NDLS				LS- ICT	-		
29	FAIYAZU M39- E V	NAD				LS- ICT 			٦
29	SUNIL N M50- E V	BRC	CANC	FI.	OK	LS- ICT 			
35	AMAR DE M30- ENV	EEP UPADH 7- &	2734057 0 -	7552	ND MN RC-	DLS- MCT	-		>
35	DHIRENI M44- E V-	DRA TIWAR	2615203 0 -	3408	ND MM RC-	)LS- /ICT 	-		
						C			
	•		•						

3. Mark the attendance of all Passengers on that coach.

(RAC passengers can be checked by clicking RAC filter button)

[ ALL 1148 ]	A2	A	LLOT BER	TH & REI	EASE	٩
Boarding	NDLS -	Deboard	ing K	OTA, NA	D, RTM	•
ALL NC	TU	NT	CAN	CURR	R	AC
<b>54 55 58 75</b> A3 A4 A5 B1	76 78 B2 B3	77 46 B4 A1	78 B5 E	7 <b>7 76</b> 36 B7	<b>76</b> B8	<b>78</b> B9 B
0 DANIEL MASS M 7- ENV	EY 20 20	509255167 509255167 -	NDLS MMC NO	S- T - SB		
1 VIJAY MASSEY M65- ENV- &	20 0	609255167 -	NDLS MMC	S- 'T -	2	
2 CHRISTINA MA F36- ENV- &	ASSE 20 0	609255167 -	NDLS MMC	5- T -		
3 RITA MASSEY F58- ENV- &	20 0	609255167 -	NDLS MMC	Б- Т -		
4 ASHISH MASS M36- ENV- &	EY 20 0	509255167 -	NDLS MMC	5- T -		
6 PRIYANKA PAI F27- E V- ^	NJAB 2: 0	152181629 -	NDLS MMC	5- T -		
7 S L LUTHRA M79- V- #	23 40	348714597 0036778 -	NDLS MMC SS	6- T -	Sav	/e
<		•		i		

Boarding		NE	DLS 👻	Deb	oardi	ng	KOTA	A, NA	D, RTI	И <del>-</del>		
ALL	NC	TU		NT	A	CAN	C	CURR	1	RAC		
6 A3	6 6 4 A5	<b>8</b> B1 B2	<b>8</b> B3	<b>8</b> B4	6 A1	8 B5	<b>8</b> B6	8 B7	<b>8</b> B8	8 B9	B	
23	GOUSC M42- E	DDIN V- ^	2 0	35325:	3818	N N R	IDLS- IMCT C	-				
23	FIDAH M48- E	USSAIN D- ~	2 0	35325:	3818	N N R	IDLS- IMCT C					
29	FAIYAZ M39- E	UDDIN V- ^	2 0	35325: -	3818	N N R	IDLS- IMCT C					
29	SUNIL M50- E	MISHRA V- ^	2 0	15305	9652	N N R	IDLS- IMCT C	-				
35	AMAR M30- E	DEEP UPAD NV- &	H 2 0	73405	7552	N N R	IDLS- IMCT C	I	RCNF			
35	DHIRE M44- E	NDRA TIWA V- ^	.R 2 0	61520:	3408	N N R	IDLS- IMCT C					Click here after marki attendance of all passe on a selected Coach

Once attendance of all passengers on selected coach done, then click on **Save** button.

RAC passenger at berth no 35 is confirmed on the same berth after clicking **SAVE** button, because another passenger is NT or cancelled after charting.

4. Press ALLOT BERTH & RELEASE button after completion of attendance marking.

← [ AI	LL 1150 ] A2	AI	LOT BERTH	& RELEASE	<u>િ</u>		Click on Allot Berth &Release
Boarding	ND	LS - Deboard	ing KOTA	A, NAD, RT	M		
ALL	NC TU	NT	CAN C	URR	RAC		
57 54 5 A2 A3 A	55 58 75 76 A4 A5 B1 B2	<b>78 77 46</b> A1	<b>78</b> 77 B5 B6	<b>76 76 87 88</b>	<b>78</b> B9	B	
0	DANIEL MASSEY M 7- ENV	2609255167 2609255167 -	NDLS- MMCT NOSB	-			
1	VIJAY MASSEY M65- ENV- &	2609255167 0 -	NDLS- MMCT	14			
2	CHRISTINA MASSE F36- ENV- &	2609255167 0 -	NDLS- MMCT				
3	RITA MASSEY F58- ENV- &	2609255167 0 -	NDLS- MMCT	-			
4	ASHISH MASSEY M36- ENV- &	2609255167 0 -	NDLS- MMCT 	æ			
6	PRIYANKA PANJAB F27- E V- ^	2152181629 0 -	NDLS- MMCT	-			
7	S L LUTHRA M79- V- #	2348714597 40036778 -	NDLS- MMCT SS	- \$	ave		
	•	•					

It will allocate the new berth for other RAC passengers after finding nearest vacant berth in that coach or any other nearest Coach, and Berth Allotment Summary will pop up after allotment of berths.

RAC passenger, berth no-23 is allocated to new berth no-24, and RAC passenger berth no-29 is allocated to new berth no-30.

urrent Allotment						
RAC:						
Passenger	Old Berth	New Berth				
FIDAHUSSAIN M48 PNR : 2353253818	A2 - 23	A2 - 24				
SUNIL MISHRA M50 PNR : 2153059652	A2 - 29	A2 - 30				
Part WL :						
No Part WL allotment done	e this time!					
ending Allotment of A2						
RAC:						
No pending RAC passenger	found!					
Part WL :						
Part WL :						
the housing rate are based by roanar						
Other :						
Other : No pending other passenge	r found!					
Other : No pending other passenge	r found!					
Other : No pending other passenge revious Allotment of A2	r found!					

After RAC auto allotment, Partial WL and Fully WL and standing passengers is also done in the same way.

## Auto allotment in case of RAC passengers boarding beyond duty lap

■ HHT 2.7.2	. ©	•	<u>u</u> - <				
User : 0	GULSHAN RAI K	INAR [HHTUSER5]					
Duty Details :							
Trip ID :		5F601D1					
Train Src Date :		26.12.2022					
Train No :		12566 - BIHAR SAI	MPARK KRANTI E				
Duty Station :	NDLS → GKP						
Coaches Assigned :	A1,A2,B1,B2,B3,B4,B5,B6,D1,D2,D3,D 4,H1,S1,S2,S3,S4,S5,S6						
Remote :	NDLS, CNB, ASH						
Private Cash :	₹ 1000						
Last Load Time :		28.12.2022 10:54:4	3				
Last Synced Time :							
Network :		Connected via 4g					
Chart status :							
A1 (59)	A2 (54)	B1 (100)	B2 (83)				
B3 (82)	B4 (78)	B5 (80)	B6 (82)				
D1 (0)	D2 (0)	D3 (0)	D4 (0)				
H1 (27)	S1 (93)	S2 (90)	S3 (87				
S4 (89)	S5 (147)	S6 (86)	W/L (2				
📤 NEW CHAR	T/DUTY	VIEV	V CHART 🛱				
		•					

#### Working beat of this user (TTE) is NDLS-GKP

	← [ RA(	c]s	1		ALLOT	BERTH & R	ELEASI	<u> </u>
	Boarding	NDLS	, ANVR, C	<ul> <li>Deboar</li> </ul>	rding	ANVR, C	NB, O	N, 👻
	ALL	NC	TU	NT	CAN	CURF	۲ 	RAC
9	<b>11 12</b> B5 B6	D1 D2	D3 D4	H1 <b>14</b> S1	<b>14</b> S2	<b>14 14</b> S3 S4	14 55	14 56 W/L
	15	SALIMA F32	Boardi	ng		LS-MFP 		
	15	ABDUL . M36	<ul><li>ASH</li><li>BNZ</li></ul>			3-MFP 		
	23	MD AHS M14	GKP DEOS			LS-MFP 	-	
	23	MAMTA M26	SV	CANCEL	OK	I-MFP 		
	31	RUPALI F19		215167383 47028155 -	7	NDLS-SPJ RC	-	
	31	VINAY JH M44	IA	215167383 47028155 -	7	GKP-SPJ RC	-	
	39	BHUTELI M27- Y	KUMAR	273331055 10253621 -	6	NDLS-CPR RC		Save

Suppose TTE select all boarding points.

In S1 coach berth no 31, passenger name - Vinay Jha and journey from GKP-SPJ, which comes under another TTE beat, so on-duty TTE can't mark his attendance.

In this case, If on duty TTE tap on **ALLOT BERTH and RELEASE** button, he will face below alert message.

	← [ RA(	C ] S1	ALLO	T BERTH & RELEASE Q
	Boarding	NDLS, ANVR, C	<ul> <li>Deboarding</li> </ul>	ANVR, CNB, ON, 👻
	ALL	NC TU	NT CAN	CURR RAC
9	<b>11 12 B5 B6</b>	D1 D2 D3 D4	H1 <b>14 14</b> S1 S2	<b>14</b> S3 <b>14 14 14 14 14 S5 W/L</b>
	15	SALIMA K F32	2832512578 41279270 -	NDLS-MFP RC
	15	ABDU M36- RAC passen completed y	ger checking no	۸FP -
	23	MD A M14-	d Boarding Poin	ok
	23	MAMTAJ ANSHARI M26	2832512578 41279270 -	ASH-MFP RC
	31	RUPALI F19	2151673837 47028155 -	NDLS-SPJ RC
	31	VINAY JHA M44	2151673837 47028155 -	GKP-SPJ RC
	39	BHUTELI KUMAR M27- Y	2733310556 10253621 -	NDLS-CPR RC
		•	•	

To avoid this situation user need to remove GKP station from boarding filter .

	← [ RA	c ] s	1		ALLOT	BERTH & RI	ELEASE	<u>ે</u>
I	Boarding	NDLS	, ANVR, C	<ul> <li>Deboar</li> </ul>	ding	ANVR, C	NB, ON	ī, 🔻
	ALL	NC	TU	NT	CAN	CURR		RAC
9	<b>11</b> B5 B6 B6	D1 D2	D3 D4	H1 <b>14</b> S1	<b>14</b> S2	<b>14 14</b> S3 S4	14 S5 S	4 6 W/L
	15	SALIMA F32	Boardi	ng		LS-MFP 		
	15	ABDUL . M36	<ul><li>ASH</li><li>BNZ</li></ul>			3-MFP	-	
	23	MD AHS M14	☐ GKP			LS-MFP	-	_
	23	MAMTA	SV			I-MFP	-	-
		M26		CANCEL	OK			_
	31	RUPALI F19		2151673837 47028155 -	7 ]	NDLS-SPJ RC	-	
	31	VINAY JH M44	IA	2151673837 47028155 -	7 (	GKP-SPJ RC	-	
	39	BHUTELI M27- Y	I KUMAR	2733310556 10253621 -	6 I	NDLS-CPR RC	- s	ave
		•		•				

2	← [ RA	C 147 ] S1	ALLO	г berth & release Q
	Boarding	NDLS, ANVR, C	<ul> <li>Deboarding</li> </ul>	ANVR, CNB, ON, 🔻
_	ALL	NC TU	NT CAN	CURR RAC
9	<b>11 12 B5 B6</b>	D1 D2 D3 D4	H1 S1 S2	<b>14 14 14 14</b> S3 S4 S5 S6 W/L
	15	SALIMA K F32	2832512578 41279270 -	NDLS-MFP RC
	15	ABDUL ANSARI M36	2832512578 41279270 -	CNB-MFP RC
	23	MD AHSAN M14	2832512578 41279270 -	NDLS-MFP RC
	23	MAMTAJ ANSHARI M26	2832512578 41279270 -	ASH-MFP RC
	31	RUPALI F19	2151673837 47028155 -	NDLS-SPJ RC
	39	BHUTELI KUMAR M27- Y	2733310556 10253621 -	NDLS-CPR RC
	39	BHASNU PRATAP M37- Y	2733310556 10253621 -	NDLS-CPR RC
		•	•	•

Now, Vinay Jha from Berth no 31 is removed after not selecting GKP as boarding Station.

Now on clicking **ALLOT BERTH & RELEASE** button, berth can be allotted to RAC passenger.

th Allotment Summary	/		
urrent Allotment			
RAC:			
Passenger	Old Berth	New Berth	
SALIMA K F32 PNR : 2832512578	S1 - 15	S5 - 61	
MD AHSAN M14 PNR : 2832512578	S1 - 23	S5 - 50	
RADHE CHAOPAL M27 PNR : 2613210315	S1 - 55	S5 - 51	
RUPALI F19 PNR : 2151673837	S1 - 31	S5 - 53	
BHUTELI KUMAR M27 PNR : 2733310556	S1 - 39	S5 - 34	
MD SHARIFUL M26 PNR : 2613817339	S1 - 71	S5 - 54	
VINOD RAM M62 PNR : 2353114369	S1 - 47	S5 - 56	
Part WL : No Part WL allotment done t Other : No Other allotment done thi	this time! s time!		
ending Allotment of S1			
RAC : No pending RAC passenger f	ound!		
	<b>≜</b> CLOSE		