



# **I2-Strip**

## **Electronic Flight Strips System**

## DESCRIPTION

Flight progress strips play a central role in air-traffic control. **I2-Strip** is I2M Systems Inc. electronic flight progress strip system which may be integrated with other tower and airport systems. It is user-friendly and highly configurable and can be customized to fit airports of any size.

Traditional paper strips have several limitations: they are time-consuming to print and update, the information on the strips stays with the controller, and the possibilities for integration with safety nets are very cumbersome.

**I2-Strip** provides what controllers need most: immediate access to key information and critical functions. The system provides instant access to flight, airport and gate data tailored to each assigned role or position, reducing voice communications and minimizing heads-down time. Our advanced tower, terminal, airport and enroute coordination system offers controllers automated flight data management with easy-to-use touch-screen interaction.

**I2-Strip** allows the user to configure for a single bay the layout of the fields and lines, width to height aspect ratio, color of the strip and its frame (if desired), font for each text field, etc. This makes **I2-Strip** system one of the most flexible Electronic Flight Strips (EFS) system in the industry.

The System can also be configured to generate flow-management statistics, and supports data link clearance (DLC) through direct data exchange with the aircraft flight decks via ARINC or SITA services.

## MAIN FEATURES

### FLIGHT STRIP DATA PROCESSING AND MANIPULATION

Flight Strip data is received by the **I2-Strip** system in three ways:

- From an external source (e.g. FDIO, AFTN);
- From specially formatted data file (for demonstration and/or training purposes);
- Via local strip creation interface.

### CREATING AND CONFIGURING STRIP BAYS

**I2-Strip** provides the user with a virtual presentation of a physical strip bay for holding strips.

The following types of strip bays are currently supported:

- **Regular Strips Bay** - representation of the strip bays for holding regular strips.  
In Figure 1 Strip bay with 40 strips below one can see a sample of a regular strips bay with 40 strips.

CLEARANCE DELIVERY at BNA					
N826EW	Taxi	7423	KBNA	KBNA DANLS1 DANLS SPKER LTOWN6 KMEM	
F2TH/Q		P2150			
231		230			TCAS EQUIPPED
SWA3944	F	5644	A1238	IFR	
B737/Q		VXV			
428		SWFTT			KBNA
SWA4013	F	4040	A1202	IFR	
1		LOZ 268/064			
B737/Q		PASLY			KBNA
696					
ASQ4522	F	3052	A1247	IFR	
E145/Q		GROAT			
831		PASLY			KBNA
VRT51	Taxi	4305	KBNA	+SERVE KSRB+KBNA BORSE KSRB	
LJ45/Q		P1220			
240		110			-VRT1AVERITT
LOF3521	Taxi	7407	KBNA	+CHADM1 SWAPP+ KBNA BNA J42 BKW GIBBZ2 KIAD	
E145/Q		P2253			
933		270			
N68AJ	Taxi	5676	KBNA	+VALER JKS343059 EOS+ KBNA EOS VINTA2 KTUL	
BE9L/R		P1200			
682		240			
Sort: At Bay					40 Strips

Figure 1 Strip bay with 40 strips

- **Special Strips Bay** - representation of strip bays for holding "Special" strips. "Special strips are represented by a set of colored watermarked "strips" (possibly with "chevrons") that the controllers currently use as memory joggers. Some of the "special" strips are shown in Figure 2 Special strips bay below, where the top two strips are displayed with chevrons. I2-Strip supports a pre-set (default) set of "Special" strips. This default set is read on start-up from the XML file.

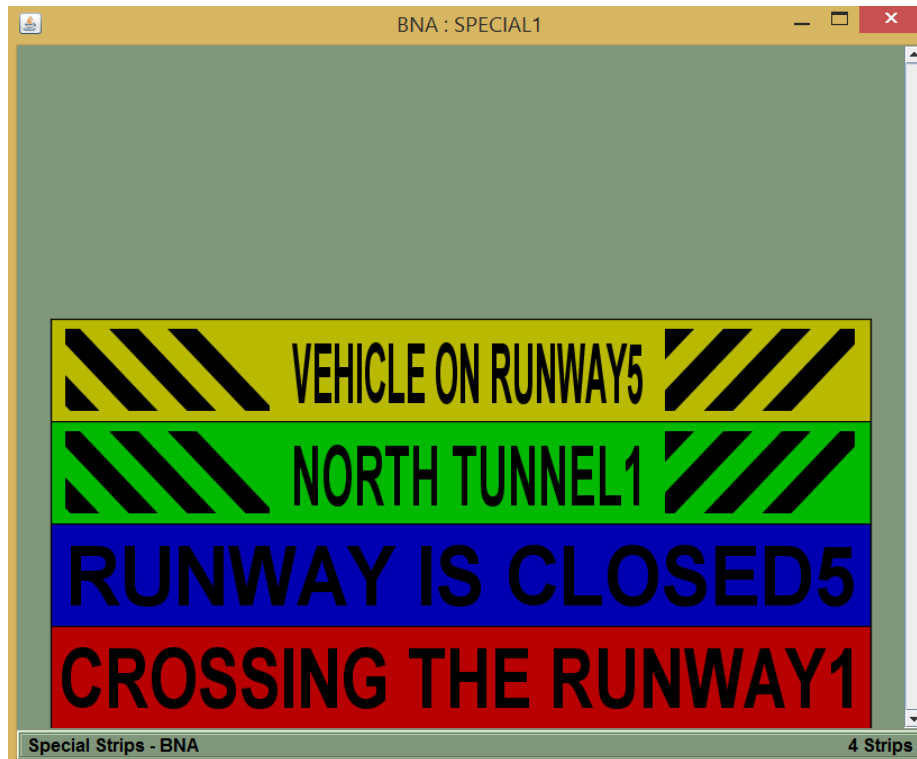


Figure 2 Special strips bay

If there is a need to create an "ad-hoc" special strip, then one can use a built-in "Special Strip Creation wizard" as shown in Figure 3 Special strip creation wizard

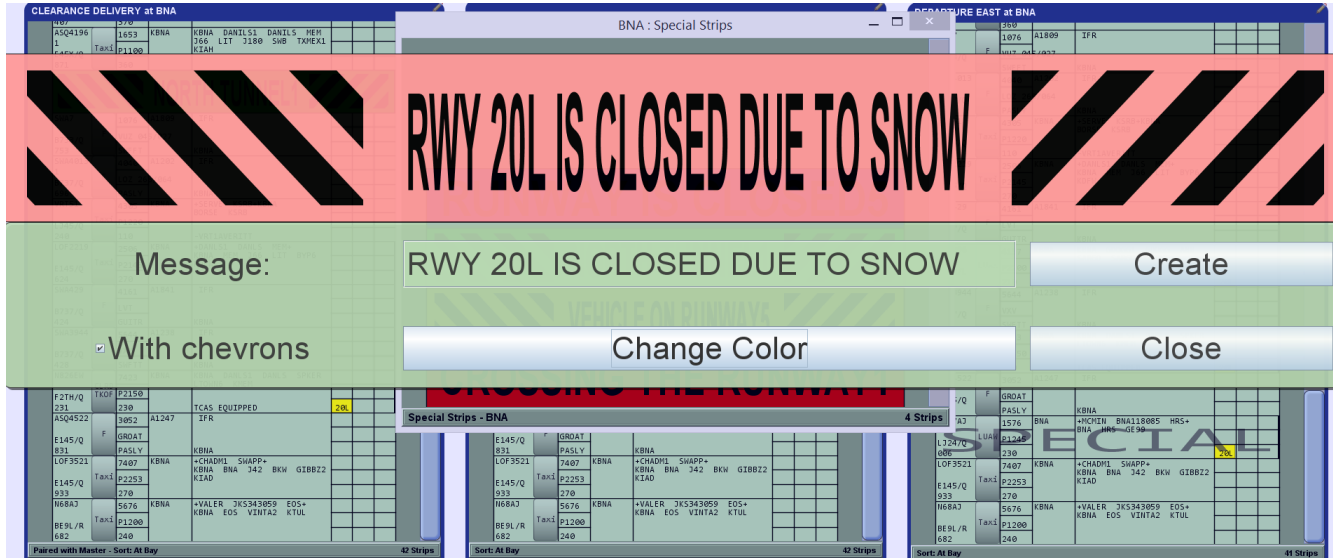


Figure 3 Special strip creation wizard

## ACTION PERFORMED ON STRIPS WITHIN THE STRIP BAYS

Users of the **I2-Strip** will be able to perform the full set of actions on flight strips within a single bay or between multiple bays as they would on physical (paper based) strips:

1. Selecting a strip within a bay by single touch - the toggle action, i.e. de-selecting strips is done the same way. In Figure 4 Selecting strips one can see the strip bay with two strips selected.

CLEARANCE DELIVERY at BNA						
SWA258		7441	A1810	IFR		
B735/Q 164	F	MSL 267/096				
		CHSNE		KBNA		
ASQ4109		3016	A1832	IFR		
E145/Q 991	F	GROAT				
		PASLY		KBNA		
SQH541		2067	A1205	IFR		
C208/G 845	F	SYI 104/049				
		BNA 129/039		KBNA		
GJS6203		1503	KBNA	KBNA CHADM1 SWAPP J42 GVE		
CRJ7/Q 299	Taxi	P1203		KORRY3 KLGA		
		350				
EGF3163		6237	A1831	IFR		
E145/Q 981	F	GUMMA				
		RYYMN		KBNA		
EGF3667		5607	KBNA	KBNA CHADM1 SWAPP J42 GVE		
CRJ7/Q 407	Taxi	P1120		KORRY3 KLGA		
		370				
AWE2096		5613	KBNA	KBNA TAZMO1 BURME VXV		
A319/Q 266	Taxi	P2200		JOHNS3 KCLT		
		290				
Sort: At Bay						41 Strips

Figure 4 Selecting strips

2. Dragging a strip or number of selected strips within a single bay or between bays. In Figure 5 Dragging strips below one can see the process of simultaneously dragging 4 strips within the bay.

CLEARANCE DELIVERY at BNA									
N826EW		7423	KBNA	KBNA DANLS1 DANLS SPKER LTOWN6 KMEM					
F2TH/Q 231	Taxi	P2150							
SWA4720		230		TCAS EQUIPPED					
B737/Q 608	Taxi	P1210	KBNA	KBNA PARDN1 NAKIY CGI DLITE FATSS BOOSH BOOSH KSTL					
		280							
SWA429		A161	A1841	IFR					
EJA296		A157	KBNA	KBNA GDOGG1 GDOGG ABB					
B737		SWA3944	A1238	IFR					
F2TH/Q 266	Taxi	P145/Q	LOF2219	2506	KBNA	+DANLS1 DANLS MEM+			
TRS1748		B737	5776	KBNA	KBNA KRSTA1 OLSTIA ITU MZZ PROYKO3 KORD KDFW				
B712/Q 603	Taxi	P2157		270					
ELJ188		5710	A1833	IFR					
C56X/Q 910	F	TINGS							
RPA3366		1563	KBNA	KBNA -ELJ1 ELITE JET					
E170/Q 606	Taxi	P1234		+CHADM1 SWAPP+ KBNA CHADM SWAPP J42 GVE PAATS2 KPHL					
SWA100		0522	A1226	IFR					
B737/Q 158	F	VXV							
		SWFFT		KBNA					
Sort: At Bay									37 Strips

Figure 5 Dragging strips

3. Angulating (sometimes referred as cocking or tilting) - shifting a strip to the left or to the right. In Figure 6 Angulating strips below one can see the result of three strips being angulated.

CLEARANCE DELIVERY at BNA									
N826EW F2TH/Q 231	Taxi	7423	KBNA	KBNA DANLS1 DANLS SPKER LTOWN6 KMEM					
		P2150							
		230							
SWA429 B737/Q 424	F	4161	A1841	IFR					
		LVT							
		GUITR							
SWA3944 B737/Q 428	F	5644	A1238	IFR					
		VXV							
		SWFTT							
EJA296 F2TH/L 266	Taxi	4157	KBNA	KBNA GDOGG1 GDOGG ABB SARGO SARGO2 KCVG					
		P2200							
		210							
LOF2219 E145/Q 624	Taxi	2506	KBNA	+DANLS1 DANLS MEM+ KBNA MEM J66 LIT BYP6 KDFW					
		P2145							
		270							
SWA4720 B737/Q 608	Taxi	1513	KBNA	KBNA PARDN1 NAKIY CGI DLITE FATSS BOOSH BOOSH KSTL					
		P1210							
		280							
TRS1748 B712/Q 603	Taxi	5776	KBNA	KBNA KRSTA1 OLSIE IIU MZZ ROYKO3 KORD					
		P2157							
		340							
Sort: At Bay									
40 Strips									

Figure 6 Angulating strips



- Flipping - virtualization of turning a physical strip face down. In Figure 7 Strip "flipping" one can see the result of "flipping" the strip for the call sign ASQ4522.

CLEARANCE DELIVERY at BNA					
N826EW	Taxi	7423	KBNA	KBNA DANLS1 DANLS SPKER LTOWN6 KMEM	
F2TH/Q 231		P2150			
		230		TCAS EQUIPPED	
SWA3944	F	5644	A1238	IFR	
B737/Q 428		VXV			
		SWFTT		KBNA	
SWA4013 1	F	4040	A1202	IFR	
B737/Q		LOZ 268/064			
696		PASLY		KBNA	
ASQ4522					
VRT51	Taxi	4305	KBNA	+SERVE KSRB+KBNA BORSE KSRB	
LJ45/Q 240		P1220			
		110		-VRT1AVERITT	
LOF3521	Taxi	7407	KBNA	+CHADM1 SWAPP+ KBNA BNA J42 BKW GIBBZ2 KIAD	
E145/Q 933		P2253			
		270			
N68AJ	Taxi	5676	KBNA	+VALER JKS343059 EOS+ KBNA EOS VINTA2 KTUL	
BE9L/R 682		P1200			
		240			

Sort: At Bay 40 Strips

Figure 7 Strip "flipping"

- Editing strips - modifying different fields of the strip. In Figure 8 Strip Editing below one can see the result of double touch on a strip within the strip bay - appearance of the "Strip Edit" dialog. Touching any field highlights it and its content is displayed within the edit text field (in the depicted scenario the Squawk field is being edited). It shall be noted that the field validation process is being used when editing any field (e.g. when editing the Squawk, the numbers 8 and 9 are not accessible).

CLEARANCE DELIVERY at BNA					
ELJ188	F	5710	A1833	IFR	
C56X/Q 910		TINGS			
RPA3366		HEHAW	KBNA	-ELJ1 ELITE JET	
EGF3667		5607	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA	
CRJ7/Q 407		P1120			
		370			

**5607**

NW	=	X	-20 K	H	A	-	E	1	2	3	Copy
/	<	○	( JRI )		W	( )		4	5	6	Watermark
W	<	FUEL	↓	R	→	>	→	7	8	9	History
○	○	-	+30 K	↑	←	←	←	0	Update	Cancel	Clear
M →	⊕	250 K	V <	P	→	→	→				
EX	X	○	→ E	E	←	←	←				
X	@	RP	○ NE	(M 300)	△	⊕	⊕				

Figure 8 Strip Editing

6. Sorting bays (automatic and manual sort) - ability to sort strip bays based on any of the configured criteria. In Figure 9 Sorting Strip bays below one can see the Sort UI toolbar with "At bay time" sorting criteria selected. Regardless of currently set sorting criteria for a bay, the user may manually change the location of any strip within the bay by manually dragging it within the bay or from another bay. After the drop operation is performed, the system will save the position of the dropped strip and it will remain at that position with the special indicator that the strip was moved manually (in Figure 7 Strip "flipping" one can notice a thick black line at the right corner of the first two strips, indicating these strips were moved manually). It should be noted that modifying the sorting criteria for the bay removes manual indications for all strips within the bay.

CLEARANCE DELIVERY at BNA			
Sort	Filter	Locking	
<input checked="" type="radio"/> At Bay	<input type="radio"/> Issuance	<input type="radio"/> Callsign	<input type="radio"/> Originator
<input type="radio"/> P Time	<input type="radio"/> Req Alt	<input type="radio"/> Airport	<input type="radio"/> Route
			<input type="radio"/> Type
			<input type="radio"/> CID
			<input type="radio"/> Squawk
			<input type="radio"/> Runway
			<input type="radio"/> Heading
			<input type="radio"/> First Fix
		Sort	Close

B737/Q 428	F	VXV SWFTT		KBNA			
SWA4013 1	F	4040	A1202	IFR			
B737/Q 696	F	LOZ 268/064 PASLY		KBNA			
ASQ4522	F	3052	A1247	IFR			
E145/Q 831	F	GROAT PASLY		KBNA			
VRT51	Taxi	4305	KBNA	+SERVE KSRB+KBNA BORSE KSRB			
LJ45/Q 240	Taxi	P1220 110		-VRT1AVERITT			
LOF3521	Taxi	7407	KBNA	+CHADM1 SWAPP+ KBNA BNA J42 BKW GIBBZ2 KIAD			
E145/Q 933	Taxi	P2253 270					
N68AJ	Taxi	5676	KBNA	+VALER JKS343059 EOS+ KBNA EOS VINTA2 KTUL			
BE9L/R 682	Taxi	P1200 240					

Sort: At Bay 40 Strips

Figure 9 Sorting Strip bays

7. Filtering bays - ability to filter strip bays based on a specific text string]. One can set filter string for a bay by selecting "Filter" tag from the bay's tool bar - see Figure 10 Filtering Strip bays below. It should be noted that strips bay fills from the bottom up, just as a real flight strip bay does.

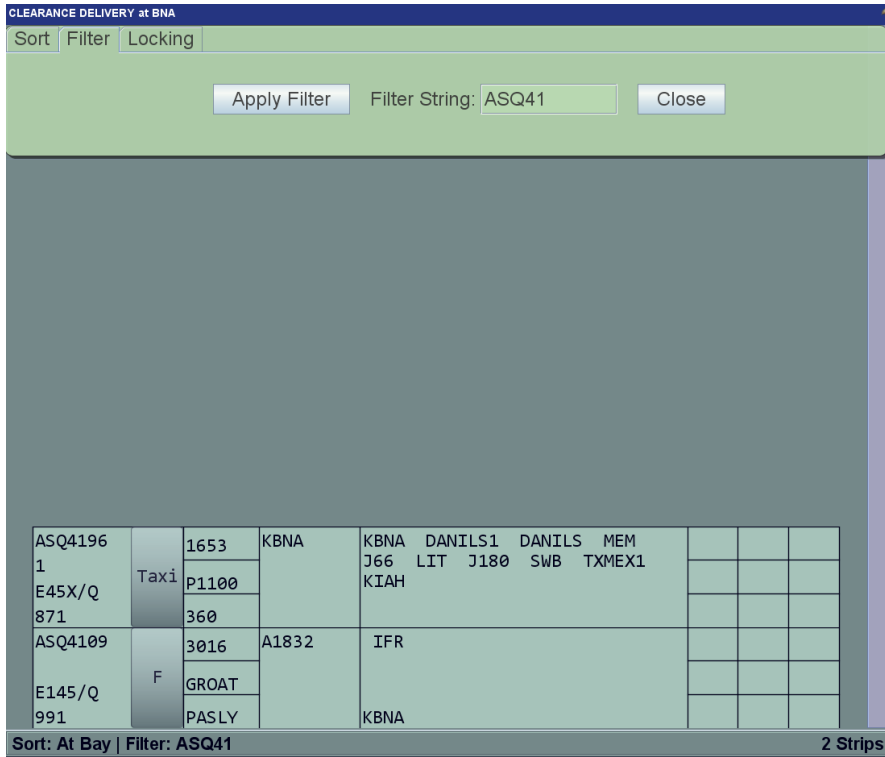


Figure 10 Filtering Strip bays

- Marking - putting a symbol in any configured field on the strip. This action is a virtualization of controllers' writing special symbols on a strip. In Figure 11 Strip Marking below one can see the result of selecting marking symbols for different strip fields.

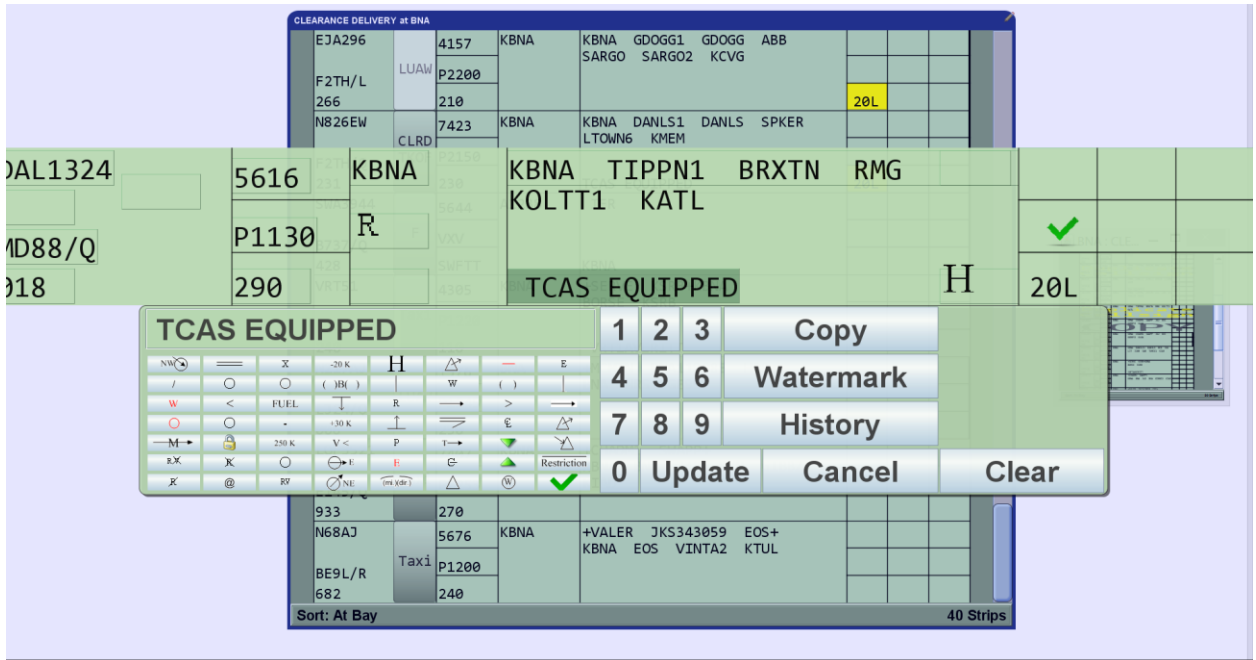


Figure 11 Strip Marking

- Bay Pairing - creating a "copy" of the bay that will mimic the original bay in terms of the strip content and the strip list order. This feature is useful when a user that do not have a control over the bay needs to view its content within his/her display.

The "pairing" status of the bay will be reflected in its status bar as seen in Figure 12 Paired bay status notification below.

424	SWA3944	F	5644	A1238	IFR			
B737/Q	VXV							
428	SWFTT				KBNA			
N826EW	CLRD TKOF		7423	KBNA	KBNA DANLS1 DANLS SPKER LTOWN6 KMEM			
F2TH/Q		P2150						
231		230			TCAS EQUIPPED	20L		
ASQ4522	F		3052	A1247	IFR			
E145/Q		GROAT						
831		PASLY			KBNA			
LOF3521	Taxi		7407	KBNA	+CHADM1 SWAPP+ KBNA BNA J42 BKW GIBBZ2 KIAD			
E145/Q		P2253						
933		270						
M68AJ	Taxi		5676	KBNA	+VALER JKS343059 EOS+ KBNA EOS VINTA2 KTUL			
BE9L/R		P1200						
682		240						
<b>Paired with Master - Sort: At Bay</b>								
								<b>40 Strips</b>

Figure 12 Paired bay status notification

- Locking strips - restricting the capability to manipulate (move or edit) a strip or set of strips to a particular bay (user). All strip located below the lock line will be locked and the graphic indicator depicting the lock symbol will be displayed on each of the locked strips. These strips will be "locked" throughout the system and only the user who created the lock line will be able to manipulate these strips (move, edit, etc.). The lock line in the original bay will be displayed in green color. If the original bay happened to be the "Master" among the set of "paired" bays, then its "slave" bays will also display the lock line, but it will be displayed in red color as can be seen in Figure 13 Lock lines on paired bays below.

CLEARANCE DELIVERY at BNA				
CALL	FLY	FLY	FLY	FLY
SWA7	F	1076	A1809	IFR
B733/Q		VUZ 045/027		
753		SWFFT		
ASQ4196		1653	KBNA	KBNA DANLS1 DANLS MEM
1	Taxi1	P1100		366 LIT 3180 SWB TXMEX1
E45X/Q				KIAH
871		360		
LOF2219		2506	KBNA	+DANLS1 DANLS MEM+
	Taxi1	P2145		KBNA MEM 366 LIT BYP6
E145/Q		270		KDFW
624				
SWA429	F	4161	A1841	IFR
B737/Q		LVT		
424		GUITR		KBNA
E34296		4157	KBNA	KBNA GDOGG1 GDOGG ABB
F2TH/L	Taxi1	P2200		SARGO SARGO2 KCVG
266		210		
N826EW		7423	KBNA	KBNA DANLS1 DANLS SPKER
F2TH/Q	Taxi1	P2150		LTOHW6 KHEH
231		230		TCAS EQUIPPED
SWA3944	F	5644	A1238	IFR
B737/Q		VXV		
428		SWFFT		KBNA
SWA4013	F	4040	A1202	IFR
B737/Q		LOZ 268/064		
696		PASLY		KBNA
ASQ4522	F	3052	A1247	IFR
E145/Q		GROAT		
831		PASLY		KBNA
VRT51	Taxi1	4305	KBNA	+SERVE KSRB+KBNA
L345/Q		P1220		BORSE KSRB
240		110		-VRT1AVERITT
LOF3521	Taxi1	7407	KBNA	+CHADMI SWAPP+
E145/Q		P2253		KBNA BNA J42 BKN GIBBZ2
933		270		KIAD
N68AJ	Taxi1	5676	KBNA	+VALER JKS343059 E05+
BE9L/R		P1200		KBNA E05 VINTA2 KTUL
682		240		

CLEARANCE DELIVERY at BNA				
CALL	FLY	FLY	FLY	FLY
SWA7	F	1076	A1809	IFR
B733/Q		VUZ 045/027		
753		SWFFT		
ASQ4196		1653	KBNA	KBNA DANLS1 DANLS MEM
1	Taxi1	P1100		366 LIT 3180 SWB TXMEX1
E45X/Q				KIAH
871		360		
LOF2219		2506	KBNA	+DANLS1 DANLS MEM+
	Taxi1	P2145		KBNA MEM 366 LIT BYP6
E145/Q		270		KDFW
624				
SWA429	F	4161	A1841	IFR
B737/Q		LVT		
424		GUITR		KBNA
E34296		4157	KBNA	KBNA GDOGG1 GDOGG ABB
F2TH/L	Taxi1	P2200		SARGO SARGO2 KCVG
266		210		
N826EW		7423	KBNA	KBNA DANLS1 DANLS SPKER
F2TH/Q	Taxi1	P2150		LTOHW6 KHEH
231		230		TCAS EQUIPPED
SWA3944	F	5644	A1238	IFR
B737/Q		VXV		
428		SWFFT		KBNA
SWA4013	F	4040	A1202	IFR
B737/Q		LOZ 268/064		
696		PASLY		KBNA
ASQ4522	F	3052	A1247	IFR
E145/Q		GROAT		
831		PASLY		KBNA
VRT51	Taxi1	4305	KBNA	+SERVE KSRB+KBNA
L345/Q		P1220		BORSE KSRB
240		110		-VRT1AVERITT
LOF3521	Taxi1	7407	KBNA	+CHADMI SWAPP+
E145/Q		P2253		KBNA BNA J42 BKN GIBBZ2
933		270		KIAD
N68AJ	Taxi1	5676	KBNA	+VALER JKS343059 E05+
BE9L/R		P1200		KBNA E05 VINTA2 KTUL
682		240		

Figure 13 Lock lines on paired bays

11. Watermarking - ability to add a "watermark" to the.

In Figure 14 Adding Watermark to the strip below one can see the result of this action applied to the flight strip with the callsign N217AJ.

CLEARANCE DELIVERY at BNA							
EJA296	LUAW	4157	KBNA	KBNA GDOGG1 GDOGG ABB SARGO SARGO2 KCVG			
F2TH/L		P2200					
266		210				20L	
N826EW	CLRDR TKOF	7423	KBNA	KBNA DANLS1 DANLS SPKER LTOWN6 KMEM			
F2TH/Q		P2150					
231		230				20L	
SWA3944	F	5644	A1238	IFR			
B737/Q		VXV					
428		SWFTT				KBNA	
VRT51	Taxi	4305	KBNA	+SERVE KSRB+KBNA BORSE KSRB			
LJ45/Q		P1220					
240		110				-VRT1AVERITT	
N217AJ	LUAW	1576	BNA	+MCMIN BNA118085 HRS+ BNA HRS GE99			
LJ24/Q		P1245					
006		230				20L	
LOF3521	Taxi	7407	KBNA	+CHADM1 SWAPP+ KBNA BNA J42 BKW GIBBZ2 KIAD			
E145/Q		P2253					
933		270					
N68AJ	Taxi	5676	KBNA	+VALER JKS343059 EOS+ KBNA EOS VINTA2 KTUL			
BE9L/R		P1200					
682		240					

Sort: At Bay

40 Strips

Figure 14 Adding Watermark to the strip

- Copy - creating a new strip which is a copy of an existing strip. In Figure 15 Copying strips below one can see the result of this action applied to the flight strip with the call sign EGF3667 and re-sorting the bay by Callsign criteria. The copy strips have a special watermark "COPY" automatically applied to it.

BNA : CLEARANCE DELIVERY									
0358205	Taxi	1503	KBNA	KBNA CHADM1 SWAPP J42 GVE					
CRJ7/Q		P1203		KORRY3 KLGA					
299		350							
EJA296	LUAW	4157	KBNA	KBNA GDOGG1 GDOGG ABB					
F2TH/L		P2200		SARGO SARGO2 KCVG					
266		210					20L		
EGF3667	Taxi	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE					
CRJ7/Q		P1120		KORRY3 KLGA					
407		370							
EGF3667	Taxi	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE					
CRJ7/Q		P1120		KORRY3 KLGA					
407		370							

Sort: Callsign 20 Strips

Figure 15 Copying strips

13. ATIS code - displaying the current ATIS code in the strip.

When the controller touched the strip filed corresponding to the ATIS code value the current value of the ATIS code is displayed in that field, depending on the strip type. In case the displayed ATIS code is not current, the corresponding strip field will be highlighted in yellow color as seen in Figure 16 ATIS code display below. The controller can update the highlighted ATIS field by touching it again.

B712/Q 603		P2137 340					
RPA3366	GC	1563	KBNA	+CHADM1 SWAPP+ KBNA CHADM SWAPP J42 GVE PAATS2 KPHL			
E170/Q 606		P1234					
		350					
ASQ4565	GC	1536	KBNA	KBNA DANLS1 DANLS MEM J66 LIT J180 SWB TXMEX1 KIAH	D		
E145/Q 892		P1223					
		360					
GJS6203	GC	1503	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA			
CRJ7/Q 299		P1203					
		350					
EGF3667	GC	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA	C		
CRJ7/Q 407		P1120					
		370					
AWE2096	GC	5613	KBNA	KBNA TAZM01 BURME VXV JOHNS3 KCLT	D		
A319/Q 266		P2200					
		290					
<b>Sort: At Bay</b>						<b>16 Strips</b>	

Figure 16 ATIS code display

14. Strip History - accessing and displaying the complete history of a strip. To access and display a history for the strip, one should click the Strip Edit Dialog's "History" button in the Strip Edit Dialog's text field for this strip. As the result, the complete history for the strip is displayed as shown in Figure 17 Strip History below. It should be noted that any action on the strip is presented as a separate entry in the strip's history list, including angulations, flipping, fields' highlighting, etc.



EGF3667	GC	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA	D		
CRJ7/Q		P1120					
407		370					
2014-Oct-27 17:11:50 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055							
EGF3667	GC	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA	D		
CRJ7/Q		P1120					
407		370					
2014-Oct-27 17:11:30 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055							
EGF3667	GC	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA	D		
CRJ7/Q		P1120					
407		370					
2014-Oct-27 17:11:18 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055							
EGF3667	GC	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA	C		
CRJ7/Q		P1120					
407		370					
2014-Oct-27 17:07:53 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055							
EGF3667	GC	5607	KBNA	KBNA CHADM1 SWAPP J42 GVE KORRY3 KLGA			
CRJ7/Q		P1120					
407		370					
<b>History for EGF3667 Touch Status Bar to exit History Mode 7 Strips</b>							

Figure 17 Strip History

15. Undo - ability to reverse any action performed on a strip.

The "Undo" feature is available for a strip while in "History" mode (viewing the strip's history). By double-clicking on the history list element located below the last step that need to be undone, the "Undo" dialog appears as shown in Figure 18 Strip Undo action below. By selecting "Undo" button, any actions on the strip corresponding to callsign AWE2096, which occur after 17:44:50 will be undone (reversed).

AWE2096	5613	KBNA	KBNA TAZM01 BURME VXV	D		
A319/Q	P2200		JOHNS3 KCLT			
266	290					
2014-Oct-27 17:45:31 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055						
AWE2096	5615	KBNA	KBNA TAZM01 BURME VXV	D		
A319/Q	P2200		JOHNS3 KCLT			
266	290					
2014-Oct-27 17:45:29 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055						
AWE2096	5613	KBNA	KBNA TAZM01 BURME VXV	D		
A319/Q	P2200		JOHNS3 KCLT			
266	290					
2014-Oct-27 17:44:50 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055						
AWE 2096						
2014-Oct-27 16:56:27 at CLEARANCE DELIVERY by LC on PVD-RAD-W-055						
AWE2096	5613	KBNA	KBNA TAZM01 BURME VXV	D		
A319/Q	P2200		JOHNS3 KCLT			
266	290					
History for AWE2096			Touch Status Bar to exit History Mode			6 Strips

Figure 18 Strip Undo action

16. "Ad-hoc" strip creation - ability to create new strip.

The new strip is created with the use of the "New strip creation" dialog as shown in Figure 19 New strip creation dialog below.

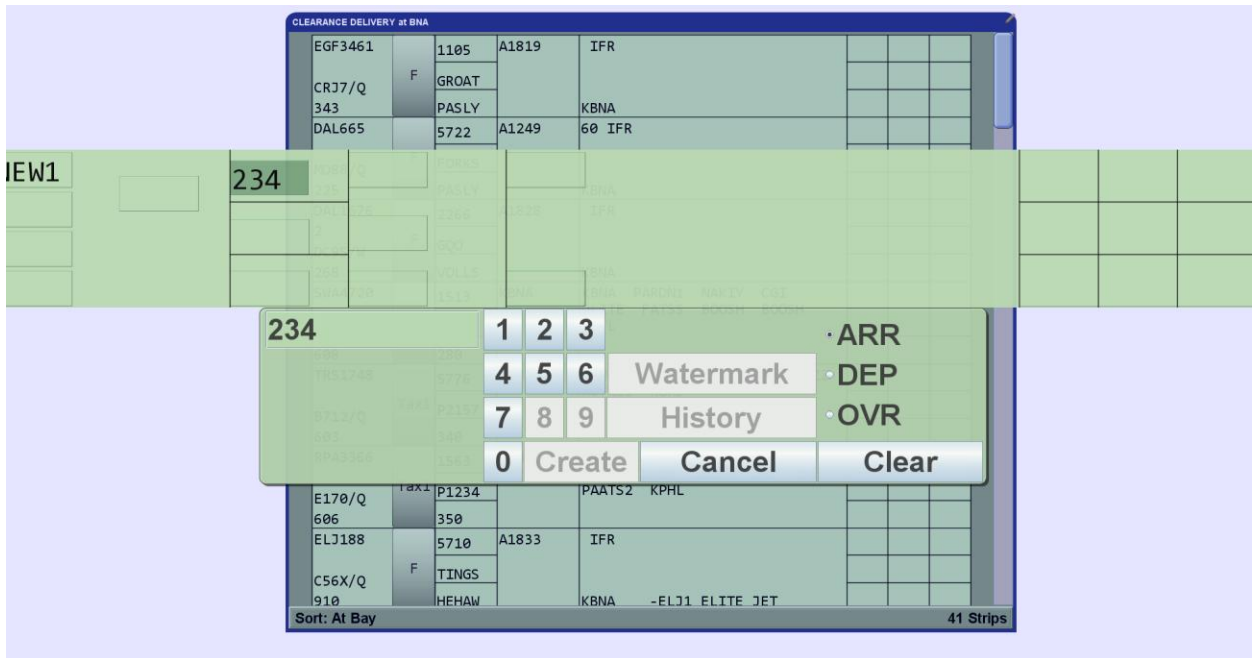


Figure 19 New strip creation dialog

## FLIGHT QUEUE COMPONENT

**I2-Strip** provides the user with the Flight Queue Component ("Time line").

The tags along the timeline can be described as follows (see Figure 20 Flight Queue Component below):

- Callsigns for all flights departing via the runways specified are displayed to the right of the time line. The corresponding slots display the time in the future till the flight takeoff time;
- Callsigns for all flights arriving via the runways specified are displayed to the left of the time line. The corresponding slots display the time in the future till the flight's touchdown time.

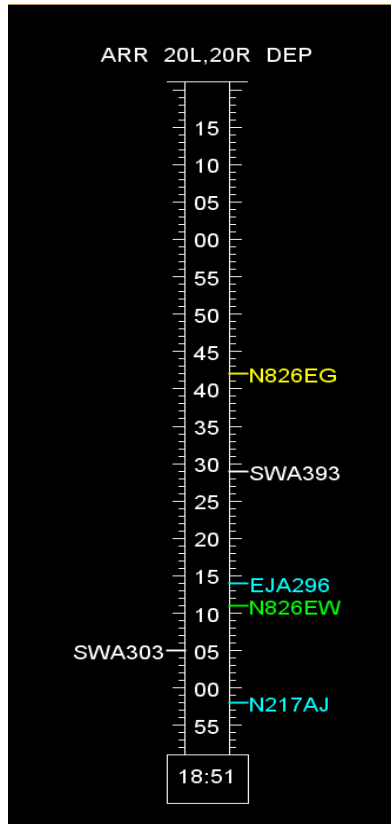


Figure 20 Flight Queue Component

The tags along the time line are color coded (with user-configurable colors) based on the corresponding strip status (current strip's workflow).