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 Command Center
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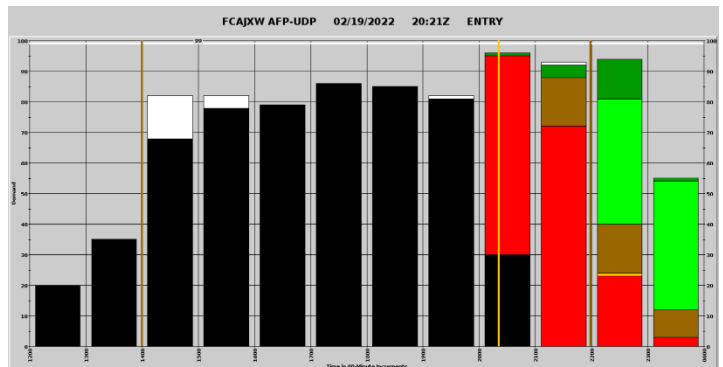
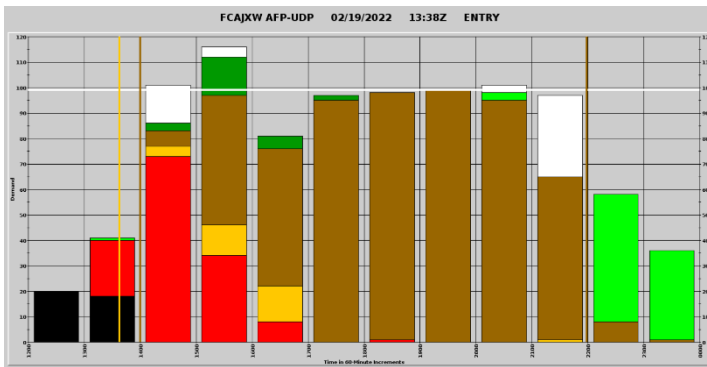
To: ATCSCC Operational Personnel

Subject: AFP Bar Chart Inaccuracies

An issue has been found in AFP trajectory modeling that causes an under counting of previous hours bar chart display.

The problem has been seen in the overland FL AFPs and a specific sequence of events needs to happen to trigger this.

Once a flight has crossed the FCA and the sector controllers assign the flight an altitude below the floor of the AFP and that amendment happens within a certain time parameter (we believe it is within 10 minutes of crossing the FCA), TFMS models the trajectory straight down to the now assigned altitude. This causes the flight to not display black in the bar chart in FSM. This is being seen for MCO and TPA arrivals.



Not all sector controllers assign an altitude in TRACON airspace for arrivals as it is no longer needed in ERAM (it used to be necessary in HOST).

Using PDARS to compare, the following is found →

Bottom line: When evaluating if an AFP is under-delivering and should be canceled, do not depend on the last hour's Black bar to draw a conclusion.

Hour	PDARS	FSM	Hour	PDARS	FSM	Hour	PDARS	FSM
12Z	27	20	18Z	109	85	00Z	62	55
13Z	45	35	19Z	95	80	01Z	59	47
14Z	82	68	20Z	105	80	02Z	54	42
15Z	94	78	21Z	91	73	03Z	46	37
16Z	88	79	22Z	80	68			
17Z	96	86	23Z	52	40			