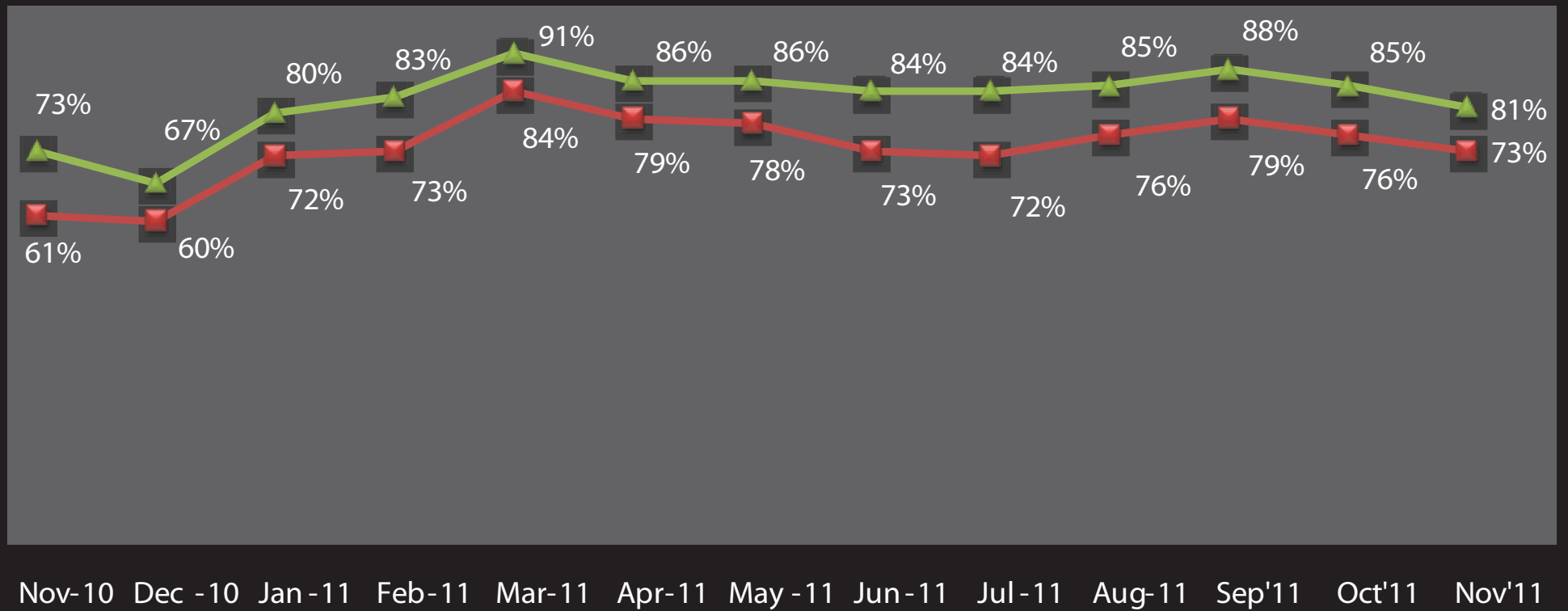


Bengaluru International Airport Departure & Arrival Ontime monitor at BIAL – 12 months Trend

Overall arrivals Overall departures

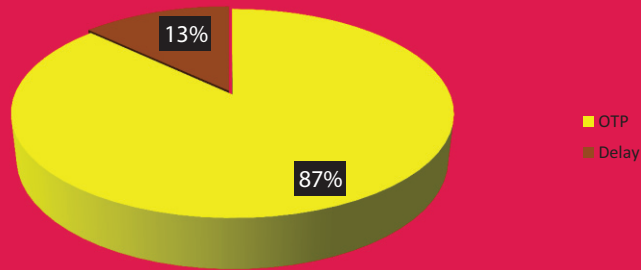


Bengaluru International Airport Flight Delays from 0300-0900 - Nov 2011

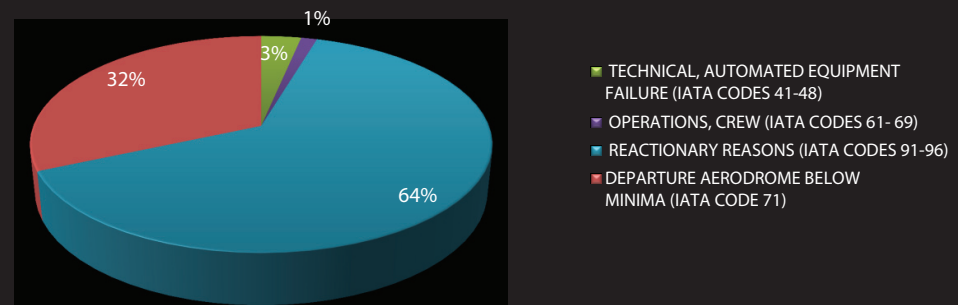
AIRLINES	TOTAL DEPARTURES	FLIGHTS ON TIME (STD + 15 min)	FLIGHTS DELAYED (STD + MORE THAN 15 Min)	% ON TIME	% DELAYED	NUMBER OF FLIGHTS DELAYED DUE TO										TOTAL DEPARTURES	Remarks		
						AIRLINES					AIRPORT		WEATHER		ATC		Dly code	No of Flts	
						PASSENGER & BAGGAGE HANDLING (IATA CODES 11-18)	AIRCRAFT & RAMP HANDLING (IATA CODES 31-39)	TECHNICAL, AUTOMATED EQUIPMENT FAILURE (IATA CODES 41-48)	OPERATIONS, CREW (IATA CODES 61-69)	REACTIONARY REASONS (IATA CODES 91-96)	AIRPORT FACILITIES (IATA CODES 87,89)	AIRPORT SECURITY (IATA CODE 85)	DESTINATION AIRPORT BELOW MINIMA (IATA CODE 72)	DEPARTURE AERODROME BELOW MINIMA (IATA CODE 71)	ATFM (IATA CODES 81-84)				
AI	143	116	27	81.12	18.88				1	19					6		27	55	1
G8	55	52	3	94.55	5.45					1					2		3		
6E	238	213	25	89.50	10.50					14					10		24		
9W	191	162	29	84.82	15.18			2	1	15					11		29		
S2	38	34	4	89.47	10.53					3					1		4		
IT	288	234	54	81.25	18.75			3		38					12		54	3	1
SG	101	88	13	87.13	12.87					7					6		13		
				86.83	13.17														

Summary	
OTP	87%
Delay	13%

OTP for 0300 - 0900 hrs - Nov. 2011



Summary of Delays for the Time Frame 0301 - 0900Hrs

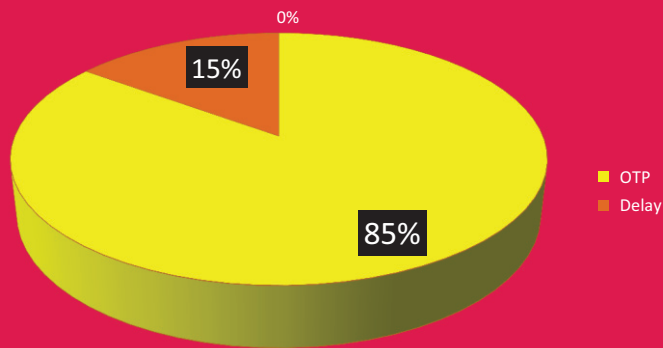


Bengaluru International Airport

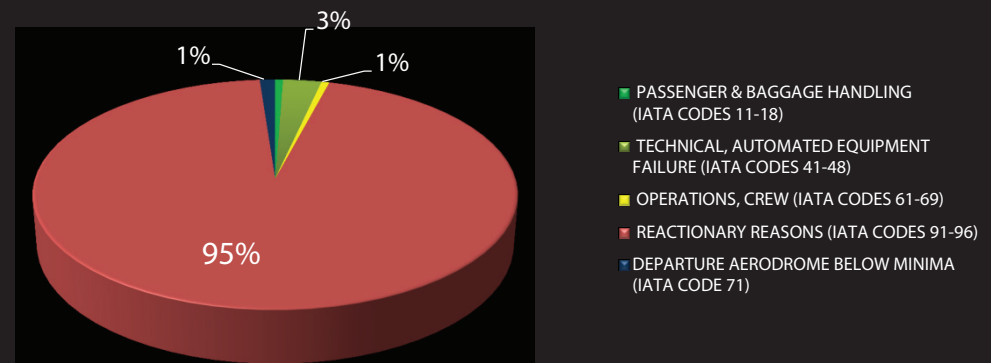
Flight Delays from 0901-1500 hrs - Nov 2011

AIRLINES	TOTAL DEPARTURES	FLIGHTS ON TIME (STD + 15 min)	FLIGHTS DELAYED (STD + MORE THAN 15 Min)	% ON TIME	% DELAYED	NUMBER OF FLIGHTS DELAYED DUE TO										TOTAL DEPARTURES	Remarks		
						AIRLINES					AIRPORT		WEATHER		ATC		Dly code	No of Flts	
						PASSENGER & BAGGAGE HANDLING (IATA CODES 11-18)	AIRCRAFT & RAMP HANDLING (IATA CODES 31-39)	TECHNICAL, AUTOMATED EQUIPMENT FAILURE (IATA CODES 41-48)	OPERATIONS, CREW (IATA CODES 61-69)	REACTIONARY REASONS (IATA CODES 91-96)	AIRPORT FACILITIES (IATA CODES 87,89)	AIRPORT SECURITY (IATA CODE 85)	DESTINATION AIRPORT BELOW MINIMA (IATA CODE 72)	DEPARTURE AERODROME BELOW MINIMA (IATA CODE 71)	ATFM (IATA CODES 81-84)				
AI	131	110	21	83.97	16.03					20				1		21			
G8	61	53	8	86.89	13.11					7						8	12	1	
6E	184	170	14	92.39	7.61	1		1		12						14			
9W	297	265	32	89.23	10.77			1		29				2		32			
S2	89	72	17	80.90	19.10					17						17			
IT	256	185	71	72.27	27.73			3	1	66				1		71			
SG	117	107	10	91.45	8.55					10						10			
				85.30	14.70														
Summary																			
OTP	85%																		
Delay	15%																		

OTP for 0901- 1500hrs - Nov. 2011



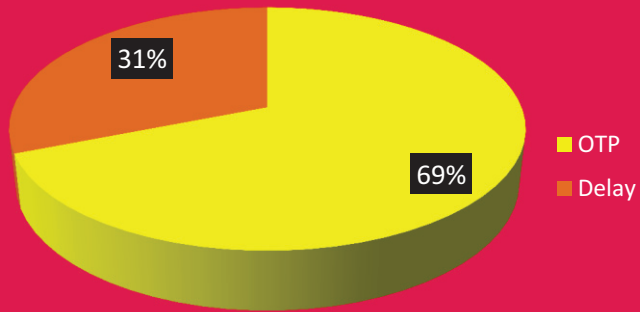
Summary of Delays for the Time frame 0901 - 1500 Hrs



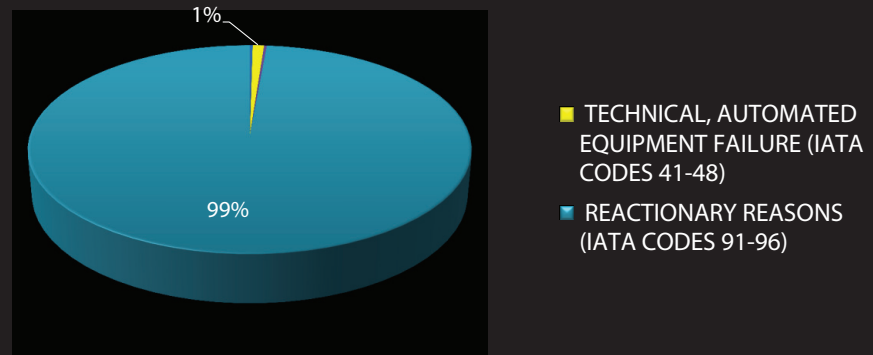
Bengaluru International Airport Flight Delays from 1501-2300 - Nov 2011

AIRLINES	TOTAL DEPARTURES	FLIGHTS ON TIME (STD + 15 min)	FLIGHTS DELAYED (STD + MORE THAN 15 Min)	% ON TIME	% DELAYED	NUMBER OF FLIGHTS DELAYED DUE TO										TOTAL DEPARTURES	Remarks	
						AIRLINES					AIRPORT		WEATHER		ATC		Dly code	No of Flts
						PASSENGER & BAGGAGE HANDLING (IATA CODES 11-18)	AIRCRAFT & RAMP HANDLING (IATA CODES 31-39)	TECHNICAL, AUTOMATED EQUIPMENT FAILURE (IATA CODES 41-48)	OPERATIONS, CREW (IATA CODES 61-69)	REACTIONARY REASONS (IATA CODES 91-96)	AIRPORT FACILITIES (IATA CODES 87,89)	AIRPORT SECURITY (IATA CODE 85)	DESTINATION AIRPORT BELOW MINIMA (IATA CODE 72)	DEPARTURE AERODROME BELOW MINIMA (IATA CODE 71)	ATFM (IATA CODES 81-84)			
AI	230	167	63	72.61	27.39			1		62					63			
G8	103	76	27	73.79	26.21					25					25			
6E	233	217	16	93.13	6.87					16					16			
9W	411	331	80	80.54	19.46				1	79					80			
S2	81	22	59	27.16	72.84	1				56					57			
IT	323	187	136	57.89	42.11			1		136					137			
SG	191	145	46	75.92	24.08			2		44					46			
				68.72	31.28													
Summary																		
OTP	69%																	
Delay	31%																	

OTP for 1501 - 2300hrs - Nov.2011



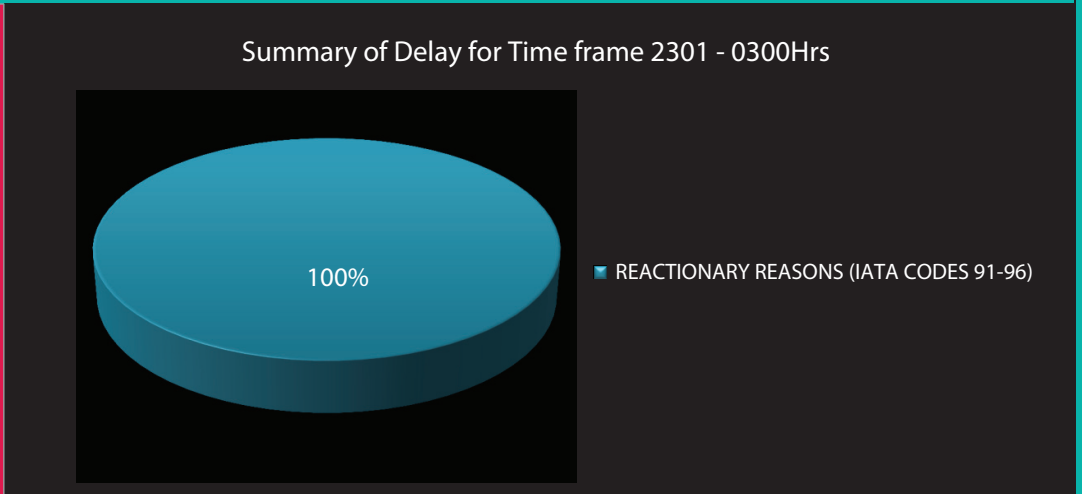
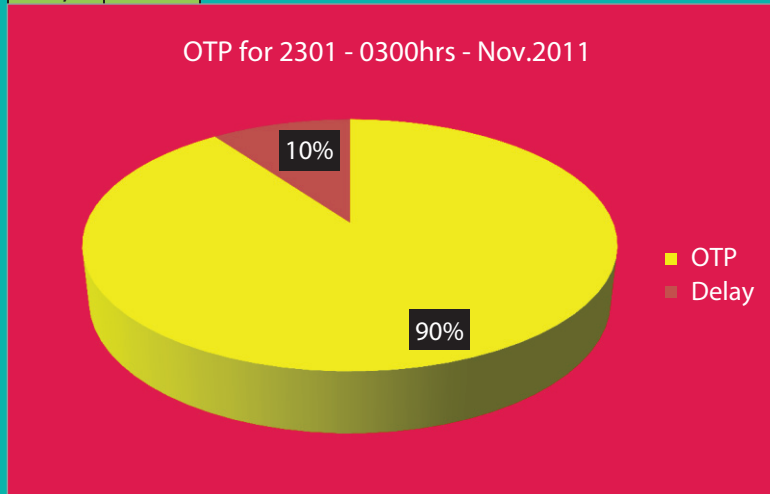
Summary of Delay for the Time frame 1501 - 2300 Hrs



Bengaluru International Airport Flight Delays from 2301-0300 - Nov 2011

AIRLINES	TOTAL DEPARTURES	FLIGHTS ON TIME (STD + 15 min)	FLIGHTS DELAYED (STD + MORE THAN 15 Min)	% ON TIME	% DELAYED	NUMBER OF FLIGHTS DELAYED DUE TO										TOTAL DEPARTURES	Remarks	
						AIRLINES					AIRPORT		WEATHER		ATC		Dly code	No of Flts
						PASSENGER & BAGGAGE HANDLING (IATA CODES 11-18)	AIRCRAFT & RAMP HANDLING (IATA CODES 31-39)	TECHNICAL, AUTOMATED EQUIPMENT FAILURE (IATA CODES 41-48)	OPERATIONS, CREW (IATA CODES 61-69)	REACTIONARY REASONS (IATA CODES 91-96)	AIRPORT FACILITIES (IATA CODES 87,89)	AIRPORT SECURITY (IATA CODE 85)	DESTINATION AIRPORT BELOW MINIMA (IATA CODE 72)	DEPARTURE AERODROME BELOW MINIMA (IATA CODE 71)	ATFM (IATA CODES 81-84)			
AI	0	0	0	0.00	0.00													
G8	0	0	0	0.00	0.00													
6E	0	0	0	0.00	0.00													
9W	29	26	3	89.66	10.34				3							3		
S2	0	0	0	0.00	0.00													
IT	0	0	0	0.00	0.00													
SG	0	0	0	0.00	0.00													
				90%	10%													

Summary	
OTP	90%
Delay	10%



Bengaluru International Airport

NUMBER OF FLIGHTS DELAYED DUE TO				AIRLINES						AIRPORT				WEATHER				ATC		
				TECHNICAL, AUTOMATED EQUIPMENT FAILURE (IATA CODES 41-48)		OPERATIONS, CREW (IATA CODES 61-69)		REACTIONARY REASONS (IATA CODES 91-96)		AIRPORT FACILITIES (IATA CODES 87,89)				AIRPORT SECURITY (IATA CODE 85)		DESTINATION AIRPORT BELOW MINIMA (IATA CODE 72)		DEPARTURE AERODROME BELOW MINIMA (IATA CODE 71)		ATFM (IATA CODES 81-84)
Numeric		Numeric		Numeric		Numeric		Numeric	Numeric		Numeric		Numeric		Numeric		Numeric		Numeric	
11	LATE CHECK-IN, acceptance after deadline	31	AIRCRAFT DOCUMENTATION LATE/ INACCURATE, weight and balance, general declaration, pax manifest, etc.	41	AIRCRAFT DEFECTS	61	FLIGHT PLAN, late completion or change of, flight documentation	91	LOAD CONNECTION, awaiting load from another flight	87	Airport Facilities, Parking stands, Ramp Congestion, Lightings, Buildings, Gate Limitations	85	Mandatory Security	72	DESTINATION STATION	71	DEPARTURE STATION	81	DEMAND/CAPACITY, standard demand capacity problems	
12	LATE CHECK-IN, congestion in check-in area.	32	LOADING /UNLOADING, bulky, special load, cabin load, lack of loading staff.	42	SCHEDULED MAINTENANCE, late release	62	OPERATIONAL REQUIREMENTS, fuel, load alteration	92	THROUGH CHECK-IN ERROR, passenger and baggage	89	RESTRICTION AT AIRPORT OF DEPARTURE WITH OR WITHOUT ATFM RESTRICTION, including Air Traffic Services, start up and pushback, airport and/or runway closed due to obstruction of weather (restriction due to weather in case of ATFM regulation only, else refer to code 71 (WO)) industrial action, staff shortage, political unrest, noise abatement, night curfew, special flights.							82	ATFM DUE TO ATC EN-ROUTE STAFF/EN-ROUTE reduced capacity closed by industrial action or staff shortage equipment failure, extraordinary demand due to capacity reduction in neighboring area.	
13	CHECK-IN ERROR, passenger and baggage	33	LOADING EQUIPMENT, lack of or breakdown e.g. container pallet loader, lack of staff	43	NON-SCHEDULED MAINTENANCE, special checks and/or additional works beyond normal maintenance schedule	63	LATE CREW BOARDING OR DEPARTURE PROCEDURES, other than connection and standby/flight deck or entire crew)	93	AIRCRAFT ROTATION, late arrival of aircraft from another flight or previous sector.									83	ATFM DUE TO RESTRICTION AT DESTINATION AIRPORT, airport and or runway closed due to obstruction industrial action, staff shortage, political unrest, noise abatement, night curfew, special flights.	
14	OVERSALES,	34	SERVICING EQUIPMENT, lack of or breakdown, lack of staff, e.g. steps	44	SPARES AND MAINTENANCE, lack of or breakdown	64	FLIGHT DECK CREW SHORTAGE, sickness, awaiting standby, flight time limitations, crew meals, valid visa, health documents, etc.	94	CABIN CREW ROTATION, awaiting cabin crew from another flight									84		
15	BOARDING, discrepancies and paging, missing	35	AIRCRAFT CLEANING	45	AOG SPARES, to be carried to another station	65	FLIGHT DECK CREW SPECIAL REQUEST, not within operational requirements	95	CREW ROTATION, awaiting crew from another flight/flight deck or entire crew)											
16	COMMERCIAL PUBLICITY/ PASSENGER CONVENIENCE, VIP, press,	36	FUELLING/DEFUELLING, fuel supplier	46	AIRCRAFT CHANGE, for technical reasons	66	LATE CABIN CREW BOARDING OR DEPARTURE PROCEDURES, other than connection and standby	96	OPERATIONS CONTROL, rerouting, diversion, consolidation, aircraft change for reasons other than technical.											
17	CATERING ORDER, late or incorrect order given	37	CATERING, late delivery or loading	47	STANDBY AIRCRAFT, lack of planned standby aircraft for technical reasons	67	CABIN CREW SHORTAGE, sickness awaiting standby, flight time limitations, crew meals, valid visa, health documents, etc.													
18	BAGGAGE PROCESSING, sorting, etc.	38	ULD, lack of or serviceability	48	SCHEDULED CABIN CONFIGURATION/VERSION ADJUSTMENTS	68	CABIN CREW ERROR OR SPECIAL REQUEST, not within operational requirements.													
		39	TECHNICAL EQUIPMENT, lack of or breakdown, lack of staff, e.g. push back			69	CAPTAIN REQUEST FOR SECURITY CHECK, extraordinary													

Bengaluru International Airport

Summary of Ontime Performance at various timelines - Oct/Nov 2011

Timelines	OTP %		Major Delay Contributors
	Oct'11	Nov'11	
0300-0900	95	87	REACTIONARY REASONS (IATA CODES 91-96) and DEPARTURE AERODROME BELOW MINIMA (IATA CODE 71)
0901-1500	88	85	REACTIONARY REASONS (IATA CODES 91-96)
1501-2300	80	69	REACTIONARY REASONS (IATA CODES 91-96)
2301-0300	76	90	REACTIONARY REASONS (IATA CODES 91-96)

