



Certified Transcript of all recordings on Frequency
 131.15 MHZ between AI.182 and Shannon UAC between
 0706 z and 0739 z on 23rd June 1985

20.11.85
 COURT.

TIME	FROM	TO	TEXT
0706	SNN	AI 182	Air India one eight two Shannon do you read
	TW 770	SNN	Shannon TWA seven seven zero at fifteen west
	SNN	TW 770	TWA seven seven zero good morning squawk two zero one two and go ahead
	TW 770	SNN	Two zero one two and ah TWA seven seven zero was ah fifty one at fifteen at zero seven zero six three five zero fifty one and zero eight at zero seven three five Bunty
	SNN	TW 770	TWA seven seven zero roger cleared London via five one north eight west upper blue forty Merley upper red
0707			three seven Ibsley Midhurst maintain flight level three five zero
	CP 282	SNN	Shannon Empress two eighty two
	SNN	CP 282	Empress two eight two squawk two zero one one and standby
	TW 770	SNN	Ah TWA seven seven zero cleared London ah Bunty Upper blue forty to ah Merley and ah upper ah red thirty seven to ah Ibsley and the standard routing
	SNN	TW 770	Seven seventy that checks maintain three five zero
	TW 770	SNN	Maintain, thirty five roger
	SNN	CP 282	Empress two eight two squawk two zero one one and go ahead your progress please
	CP 282	SNN	Two eight two is five one north fifteen west at zero seven three seven zero estimating eh five one north eight west at three five

TIME	FROM	TO	TEXT
0707 contd)	SNN	CP 282	Empress two eight two roger cleared Amsterdam via five one north eight west upper blue forty to Brecon upper green
0708			one Woodley upper blue twenty nine to Clacton and upper red one north to Amsterdam
	CP 282	SNN	- kay Empress ah two eighty two is cleared to Amsterdam fifty one north eight west upper blue forty Brecon green one Woodley ah Clacton and upper red one Amsterdam
	SNN	CP 282	Empress two eight two that checks maintain flight level three seven zero
	CP 282	SNN	Roger three seven zero
	AI 182	SNN	Ah: Shannon Air India one eight two good morning
	SNN	AI 182	- India one eight two good morning squawk two zero zero five and go ahead please
	AI 182	SNN	Three zero zero (pause) five eh squawking and eh Air India one eight two is five one north one five west at eh zero seven zero five level three one zero estimate eh F I R eh five one north zero eight eight west at eh zero seven three five and Bunty next
0709	SNN	AI 182	Air India one eight two Shannon Roger cleared London via five one north eight west Bunty upper blue forty to Merley upper red three seven to Ibsley flight level three one zero
	AI 182	SNN	Right sir (?) Air India eigh one eight two is cleared to London via upper level four zero to Bunty then ah upper ah red ah three seven to Ibsley and maintain three one zero
	SNN	AI 182	- r India one eight two after Bunty maintain the upper blue forty to Merley and then its upper red three seven
	AI 182	SNN	(whistle) Bunty to Merley and then upper eh upper eh red three seven Air India one eight -

TIME	FROM	TO	TEXT
0709 (contd)	SNN	AI 182	Air India one eight two would you squawk two zero zero five I repeat two zero zero five
0709	AI 182	SNN	Right sir squawking two zero zero five one eight two
0714			<u>CARRIER WITH INDECIPHERABLE MODULATION</u>
0716	SNN	AI 182	- r India one eight two Shannon
	SNN	AI 182	Air India one eight two Shannon
	SNN	AI 182	India one eight two Shannon
	SNN	AI 182	Air India one eight two Shannon
	SNN	AI 182	- r India one eight two Shannon
	SNN	TW 770	TWA seven seven zero Shannon
0717	TW 770	SNN	TWA seven seven zero go ahead
	SNN	TW 770	Okay just calling you there's an Air India there with you and eh we just he's not talking to us at this time - and would you just give him a call please
	TW 770	SNN	Sure
	TW 770	AI 182	Air India one eight two from TWA seven seven zero
	TW 770	SNN	Ah Shannon eh TWA seven seventy he won't answer us either on guard or eh eh thirty one one five
	SNN	TW 770	We just had him ahead of you there about eh five miles just ahead of you there and his squawk is gone off the scope thats why - can you see anything ahead of you there
	SNN	TW 770	- at three one zero three one zero
	TW 770	SNN	Well no we don't see him
0718	SNN	TW 770	Okay roger roger
	SNN	AI 182	Air India one eight two Air India one eight two Shannon

TIME	FROM	TO	TEXT
0718 (contd)	SNN	AI 182	Air India one eight two Shannon
0719	SNN	CP 282	Empress two eight two Shannon
	SNN	AI 182	Air India one eight two Air India one eight two Shannon
	KU 102	SNN	Shannon good morning the Kuwaiti one zero two
0720	SNN	KU 102	Kuwaiti one zero two Shannon good morning
			Squawk two zero one five and standby please (background voice)
	SNN	TW 770	TWA seven seven zero Shannon
	TW 770	SNN	TWA seven seven zero go ahead
	SNN	TW 770	(ah?) we haven't got that Air India still he's still missing that's the one eight two and eh he just went off the scopes on us approximately about eh one three - and eh you don't see anything ahead of you there
	TW 770	SNN	No we've been looking and I've been calling him on guard and he hasn't eh hasn't eh answered and we don't see him
	SNN	TW 770	Okay and eh there's an Empress behind you there I'll ask him
	SNN	CP 282	Empress two eight two Shannon
	CP 282	SNN	Two eighty two go
	SNN	CP 282	Okay we had an Air India one eighty two he's at three one zero he's just ahead of ye there by about oh I'd say in your case twenty miles he's at three one zero and eh you don't see anything there
0721	CP 282	SNN	Yeah we see an aircraft ahead of us
	SNN	CP 282	Yeah that's at three five zero that's the TWA he's about eh five or six miles ahead of you

TIME	FROM	TO	TEXT
0721 (contd)	CP 282	SNN	That looks like it at eh three five zero
	SNN	CP 282	Yeah okay and eh do you see nothing at three one zero ahead of him again
	SNN	AI 182	Air India one eight two Shannon
	SNN	KU 102	Kuwaiti one zero two go ahead your progress please
	KU 102	SNN	- to one zero two we were by five two north one five west at zero seven one nine flight level three seven zero mach decimal eight four estimating Cork at four six Norla
	SNN	KU 102	- wait: one zero two roger cleared via Cork upper red three seven Ibsley Midhurst to London maintain flight level three seven zero
0722	KU 102	SNN	Kuwaiti one zero two is cleared Cork upper red thirty seven Ibsley for London to maintain three seven zero
	TZ 609	SNN	and Shannon Amtran six zero niner is ready eh for a descent
	SNN	TZ 609	- tran six zero niner descend initially flight level five five
	TZ 609	SNN	Descend and maintain flight level five five Amtran six zero niner
0723	SNN	TW 770	TWA seven seven zero Shannon
	TW 770	SNN	Go ahead seven seventy
	SNN	TW 770	Seven seventy did you see that Air India at any stage just ahead of you
	TW 770	SNN	Ah no I saw the sun glinting off some sort of an aircraft but that was eh a couple of hundred miles back and I I eh he looked further than five miles
	SNN	TW 770	I see okay but he was just ahead of you and we haven't heard we haven't heard that he was there about eh oh that's about one six as I say

TIME	FROM	TO	TEXT
0723 (contd)	TW 770	SNN	Right we heard him checking in with you but we certainly are looking but we don't see a thing
	SNN	TW 770	Don't see anything okay
	CP 282	SNN	And Shannon Empress two eighty two we have the aircraft approximately five miles ahead of us but nothing else
	SNN	CP 282	- press ah two eight two ah roger thats TWA seven seven zero at flight level three five zero were looking for an Air India he should be ah just ahead of you at flight level three one zero
0724	SNN	TW 770	TWA seven seven zero Shannon
	TW 770	SNN	Seven seventy go ahead
	SNN	TW 770	Seven seventy would you ah facilitate us please and descend flight level three three zero maintain three three zero and eh see can you see that aircraft please
	TW 770	SNN	Okay we're leaving three five for three three we're still looking
0725	SNN	TZ 609	- go zulu six zero nine Shannon
	TZ 609	SNN	Six zero nine go ahead
	SNN	TZ 609	Six zero nine contact Shannon low level one two four decimal seven good morning
	TZ 609	SNN	Okay thanks for your help six zero nine
0727	TW 770	SNN	Ah Shannon TWA seven seventy
	SNN	TW 770	TWA seven seventy Shannon go ahead
	TW 770	SNN	We're at thirty three and I saw a piece of a contrail out the left side eh it looked like it might have been at thirty one but certainly no airplane yet
0728	SNN	TW 770	TWA seven seven zero Shannon roger eh would you ah make a one ah eighty in present position please and have a look for us

TIME	FROM	TO	TEXT
0728 (contd)	TW 770	SNN	Yeah how about a three sixty
	SNN	TW 770	TWA seven seven zero would you turn and go westerly for about twenty miles please
	TW 770	SNN	TWA seven seventy roger
	SNN	TW 770	Thank you very much
0729	CP 282	SNN	And eh Shannon Empress two eighty two ah we have ah confirmed that TWA in sight
	SNN	CP 282	Empress two eight two ah roger it's ah Air India one eight two we're worried about sir
	CP 282	SNN	I understand that where should he be now
	SNN	CP 282	Should be about twenty miles ahead of you sir at flight level three one zero
	CP 282	SNN	You have him on radar
	SNN	CP 282	Negative sir he disappeared off the screen
0731	BA 296	SNN	Ah Shannon Speedbird two nine six
	SNN	BA 296	- bird two nine six good morning squawk two zero two two go ahead
	BA 296	SNN	Two zero two two coming up and it's fifty one north fifteen west at three zero three five zero fifty one north zero eight west at five eight Bunty
	SNN	BA 296	Speedbird two niner six roger cleared via five one north eight west Bunty upper blue forty Merley upper red three seven to London flight level three five zero expect climb shortly
	BA 296	SNN	Understand ah its Bunty upper blue ah four zero upper red thirty seven to London and expect climb you say
	SNN	BA 296	Affirmative sir expect climb shortly
	BA 296	SNN	Okay
	BR 246	SNN	And Shannon ah good morning Caledonian two four six heavy we're checking fifty one fifteen at zero seven three zero

TIME	FROM	TO	TEXT
0732	BR 246 (contd)	SNN (contd)	level three three zero five one north eight west at zero seven five nine Bunty
	SNN	BR 246	- adonian two four six ah roger cleared eh via five one north eight west upper blue forty to Merley upper red three seven to Gatwick maintain flight level three three zero expect level change on route
	BR 246	SNN	Ah roger routing copied expect level change on route
	CP 282	SNN	Ah Shannon Empress ah two eight two we just rolled to the left and to the right to try to see if he was stuck underneath us but ah no joy
	SNN	CP 282	Empress ah two eight two Shannon roger thank you
	SNN	BA 296	Speedbird two nine six Shannon
	BA 296	SNN	Two nine six go ahead
	SNN	BA 296	Nine six squawk two zero two two please
	BA 296	SNN	Ah two zero two two is on
	SNN	BR 246	Caledonian two four six Shannon
0733	BR 246	SNN	Go ahead
	SNN	BR 246	Squawk two zero two three please
	SNN	BA 296	Speedbird two nine six Shannon climb flight level three seven zero report level
	BA 296	SNN	Two nine six climb three seven zero
0734	SNN	AI 182	Air India one eight two Air India one eight two Shannon one three five six do you read
	TW 770	SNN	Ah Shannon TWA seven seventy we're going to have to reverse course account fuel now
	SNN	TW 770	TWA seven seven zero Shannon roger cleared normal navigation to five one north eight west and thank you very much for your co-operation

TIME	FROM	TO	TEXT
0734 contd)	TW 770	SNN	Thats quite all right we don't mind
0735	TW 770	AI 182	Air India one eight two TWA seven seventy do you read
0736	SNN	CP 282	Empress two eight two Shannon
	CP 282	SNN	Two this as Empress two eight two one three one one five do you read
	SNN	CP 282	Empress two eight two contact London one three two decimal six good morning and thank you very much for your help
	CP 282	SNN	One thirty two six (two eight two ?)
	SNN	PA 102	- per one zero two Shannon
	PA 102	SNN	Clipper one zero two go ahead
	SNN	PA 102	- per one zero two contact London one three three decimal six good morning
	PA 102	SNN	Thirty three six bye bye
0737	SNN	BR 246	Caledonian two four six Shannon
	BR 246	SNN	Two four six go
	SNN	BR 246	- donian two four six ah would you keep an eye out please for an aircraft we're missing an aircraft eh Air India one eight two he was at flight level three one zero and disappeared off our radar screens here (an ?) in your present position at time ah zero seven one three
	BR 246	SNN	Ah roger thank you sir and eh can you repeat, the call-sign
0738	SNN	BR 246	Call-sign Air India one eight two
	BR 246	SNN	India one eight (two?) roger
	SNN	PA 296	- per two niner six Shannon
	PA 296	SNN	Two nine six go
	SNN	PA 296	- per two nine six are you level now three seven zero

TIME	FROM	TO	TEXT
0738 (contd)	TW 770	SNN	And eh Shannon TWA seven eh seventy eh we'r re-estimating eh zero eight at eh forty seven
	SNN	TW 770	Shannon roger thank you
	SNN	BR 246	Caledonian eh two four six Shannon what are your flight conditions
	BR 246	SNN	Two four six we're in good victor mike charlie sir
0739	SNN	BR 246	Okay and how far below you do you imagine you would remain V.M.C.
	BR 246	SNN	Okay well we reckon the cloud base around here looks like around ah fifteen thousand feet and ah below that there's another level so we're talking about ah eighteen thousand feet below us. We're just going to call th Air India guy up on ah on HF eh emergency frequencies
	SNN	BR 246	Okay
	BR 246	SNN	And for information which direction was he heading in sir
	SNN	BR 246	He was heading in your direction to fifty one north at eight west and he disappeared in your area
	BR 246	SNN	Ah roger I take it that he was ah going westbound heading west
	SNN	BR 246	Negative eastbound heading towards fifty one north eight west
	BR 246	SNN	Okay thats fine

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