

TIME & SOURCE	LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
			START TIME 1730:00 UTC [0130 MYT]
		1731:57 UTC [0131:57 MYT] Lumpur Radar	Global Jet Seven Six clear to Subang Caledonean One Arrival Runway One Five Pibos Transition level four one zero.
		1732:06 UTC [0132:06 MYT] GBG 76	Clear to Subang Caledonean One Arrival Runway One Five emm...daa... request descend.
		1732:13 UTC [0132:13 MYT] Lumpur Radar	Global Jet Seven Six descend to flight level one niner zero.
		1732:17 UTC [0132:17 MYT] GBG 76	Descend to flight level one niner zero Global Jet Seven Six.
			Direct Line Telephone Conversation Between KL ACC and Bangkok ACC
		1739:16 UTC [0139:16 MYT] KL ACC	Lumpur.

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		1739:17 UTC [0139:17 MYT] Bangkok ACC	Estimate Kota Bharu on Silk Air Nine Three Seven.
		1739:23 UTC [0139:23 MYT] KL ACC	Silk Air Nine Three Seven go ahead.
		1739:25 UTC [0139:25 MYT] Bangkok ACC	Kota Bharu one nine zero six one nine zero six flight level three nine zero squawk one five one three.
		1739:36 UTC [0139:36 MYT] KL ACC	Okay Silk Air Nine Three Seven Victor Kilo Bravo one niner zero six level three nine zero squawk one niner one three.
		1739:44 UTC [0139:44 MYT] Bangkok ACC	One five one three affirm.
			End of Direct Line Telephone Conversation Between KL ACC and Bangkok ACC

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		1740:11 UTC [0140:11 MYT] GBG 76	(xxxx) [illegible] Global Jet Seven Six request further descend.
		1740:16 UTC [0140:16 MYT] Lumpur Radar	Global Jet Seven Six descend flight level aa... one five zero contact Lumpur Radar one two one two five.
		1740:23 UTC [0140:23 MYT] GBG 76	One five zero over one two five Global Jet Seven Six.
1741:23 UTC 0141:23 MYT] Lumpur Radar	Malaysian Three Seven Zero Lumpur Radar how do you read, do you read.		
		1742:08 UTC [0142:08 MYT] CES 539	Lumpur Control good morning China Eastern Five Three Niner maintaining level three six zero squawk five one one one.

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		1742:20 UTC [0142:20 MYT] Lumpur Radar	China Eastern Five Three Nine Lumpur Radar identified maintain level three six zero Nipah Three Alfa Arrival Runway Three Two Left Pibos Tran correction Nipah Three Alpha Arrival Runway Three Two Right Pibos Apha Transition.
		1742:35 UTC [0142:35 MYT] CES 539	Nipah Three Alpha Pibos Transition Runway Three Two Right China Southern Five Three Niner.
		1746:21 UTC [0146:21 MYT] CEB 501	Lumpur Radar good morning Cebu Five Zero One.
		1746:28 UTC [0146:28 MYT] Lumpur Radar	Cebu Five Zero One Radar good morning squawk ident and report level.
		1746:38 UTC [0146:38 MYT] CEB 501	And daa... Lumpur Radar Cebu Five Zero One request descend.

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		1746:44 UTC [0146:44 MYT] Lumpur Radar	Cebu Five Zero One identified descend level one nine zero Nipah Three Alpha Arrival RunwayThree Two Right Eastan Alpha Transition.
		1746:55 UTC [0146:55 MYT] CEB 501	Descend level one niner zero and daa... Nipah Three Alpha Arrival Runway Three Two Right Cebu Five Zero One.
		1747:08 UTC [0147:08 MYT] CES 539	Lumpur Control China Eastern Five Three Niner request descend.
		1747:15 UTC [0147:15 MYT] Lumpur Radar	China Eastern Five Three Niner descend flight level one niner.
		1747:19 UTC [0147:19 MYT] CES 539	Descend flight level one niner zero China Eastern Five Three Niner.

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TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
	1748:09 UTC [0148:09 MYT] Lumpur Radar		Five zero one direct to Nipah.
	1748:13 UTC [0148:13 MYT] 5551		Say again where to Cebu Five Zero One you are coming in garble sir.
	1748:17 UTC [0148:17 MYT] Lumpur Radar		Five Zero One track direct Nipah.
	1748:21 UTC [0148:21 MYT] CEB 501		Direct but Cebu Five Zero One.
Direct Line Telephone Conversation Between KL ACC and HCM ACC			
	1749:54 UTC [0149:54 MYT] KL ACC		Ho Chi Minh Lumpur.
	1749:56 UTC [0149:56 MYT] HCM ACC		I transfer IGARI for Malaysian Six One Six Three.

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TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
		1750:01 UTC [0150:01 MYT] Lumpur Radar	Malaysian eer... Six One Six Three go ahead.
		1750:07 UTC [0150:07 MYT] HCM ACC	IGARI one eight three five flight level request three six zero squawk six three four five.
		1750:15 UTC [0150:15 MYT] KL ACC	Malaysian Six One Six Three IGARI one eight three five flight level three six zero is approved squawk six three four five.
		1750:23 UTC [0150:23 MYT] HCM ACC	Okay transfer three six zero for Malaysian Six One Six Three.
1750:27 UTC [0150:27 MYT] KL ACC	Affirm.... and confirm still negative contact with Malaysian Three Seven Zero.		
1750:32 UTC [0150:32 MYT] HCM ACC	Affirm negative contact.		

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TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1750:34 UTC [0150:34 MYT] KL ACC	Err... okay thank you advise me...		
1750:38 UTC [0150:38 MYT] HCM ACC	Okay.		
End Of Direct Line Coversation Between KL ACC and HCM ACC			
		1751:06 UTC [0151:06 MYT] Lumpur Radar	China Eastern Five Three Niner direct to Nipah and descend level one niner zero.
		1751:13 UTC [0151:13 MYT] CES 539	Direct to Nipah and descend to level one niner zero China Eastern Five Three Niner.
		1751:19 UTC [0151:19 MYT] Lumpur Radar	China Eastern Five Zero Niner Three contact Singapore one two three decimal seven.
		1751:26 UTC [0151:26 MYT] CES 5093	One two three decimal seven err... good night China Eastern Five Zero Nine Three.

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		1751:36 UTC [0151:36 MYT] Lumpur Radar	Cebu Five Zero One descend flight level one five zero.
		1751:40 UTC [0151:40 MYT] CEB 5093	Descend flight level one five zero Cebu Five Zero One.
		1752:46 UTC [0152:46 MYT] Lumpur Radar	Cebu Five Zero One speed three zero zero or greater.
		1752:51 UTC [0152:51 MYT] CEB 501	Three zero zero or greater Cebu Five Zero One.
		1753:04 UTC [0153:04 MYT] Lumpur Radar	Cebu Five Cebu Five Zero One contact Lumpur Radar one two one two five.
		1753:10 UTC [0153:10 MYT] SIA 501	One two one two five good day.

AIR-GROUND COMMUNICATION

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LUMPUR RADAR - FREQUENCY 132.6 MHz		LUMPUR RADAR - FREQUENCY 132.6 MHz	
TIME & SOURCE	AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1754:40 UTC [0154:40 MYT] Lumpur Radar	China Eastern Five Three Niner contact Lumpur Radar one two one two five.
		1754:45 UTC [0154:45 MYT] CES 539	One two one two five China Eastern Five Three Nine good day.
		1801:46 UTC [0201:46 MYT] MAS 386	Lumpur Control Malaysian Three Eight Six passing one flight level one two four for flight level one eight zero.
		1801:56 UTC [0201:56 MYT] Lumpur Radar	Three Eight Six Lumpur radar ...Good morning climb flight level two one zero.
		1802:01 UTC [0202:01 MYT] MAS 386	Level two one zero Malaysian Three Eight Six.
		1803:04 UTC [0203:04 MYT] Lumpur Radar	Malaysian Three Eight Six climb initially flight level three three zero.

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		1803:09 UTC 0203:09 MYT [MAS 386]	Level three six zero initially Malaysian Three Eight Six.
		1803:13 UTC [0203:13 MYT] Lumpur Radar	Malaysian Three Eight Six initially flight level three three zero.
		1803:16 UTC [0203:16 MYT] MAS 386	Initially flight level three three zero Malaysian Three Eight Six.

TELEPHONE CONVERSATION

1803:34 UTC
[0203:34] MYT
KL ACC Ah okay okay okay carry on I tell Singa Ho Chi Minh la
we told the airline to contact.

1803:38 UTC
[0203:38 MYT] *Direct line telephone ringing tone.*

1803:41 UTC
[0203:41 MYT]
KL ACC Good night.

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TIME & SOURCE		TIME & SOURCE	
1803:48 UTC [0203:48 MYT] KL ACC	Helo.		
1803:49 UTC [0203:49 MYT] KL ACC	Ho Chi Minh.		
1803:50 UTC [0203:50 MYT] HCM ACC	Yes sir.		
1803:51 UTC [0203:51 MYT] KL ACC	Any news for Malaysian Three Seven Zero.		
1803:54 UTC [0203:54 MYT] HCM ACC	Negative sir until now they probably out of radar.		
1803:57 UTC [0203:57 MYT] KL ACC	Okay.		
1803:58 UTC [0203:58 MYT] HCM ACC	We have no information about Malaysian Three Seven Zero right now.		

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TIME & SOURCE		TIME & SOURCE	
1804:02 UTC [0204:02 MYT] KL ACC	Okay Malaysian.		
1804:03 UTC [0204:03 MYT] HCM ACC	No radar target yeah.		
1804:05 UTC [0204:05 MYT] KL ACC	No radar target confirm.		
1804:07 UTC [0204:07 MYT] HCM ACC	Standby.		
1804:08 UTC [0204:08 MYT] KL ACC	You don't have radar contact.		
1804:12 UTC [0204:12 MYT] HCM ACC	Go ahead sir.		
1804:13 UTC [[0204:13 MYT] KL ACC	No confirm you don't have any radar contact.		

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TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1804:17 UTC [0204:17 MYT] HCM ACC	Yeah no radar contact no ADSB contact no communication.		
		1804:23 UTC [0204:23 MYT] THA 483	Lumpur Control Thai Four Eight Three good evening.
DIRECT LINE TELEPHONE CONVERSATION INTERRUPTED BY AIRCRAFT CALLING			
1804:25 UTC [0204:25 MYT] KL ACC	Eer... Standby please.		
		THA 483	Squawking six one one four.
		1804:30 UTC [0204:30 MYT] Lumpur Radar	Thai Four Eight Three Lumpur Radar identified maintain level three seven zero.
		1804:33 UTC [0204:33 MYT] THA 483	Maintain level three seven zero Thai Four Eight Three.

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TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
CONTINUE DIRECT LINE CONVERSATION WITH HO CHI MINH			
1804:36 UTC [0204:36 MYT] KL ACC	Okay Ho Chi Minh.		
1804:38 UTC [0204:38 MYT] HCM ACC	Yes sir.		
1804:39 UTC [0204:39 MYT] KL ACC	Okay reference to the... company Malaysian Airlines the aircraft is still flying is over somewhere over Cambodia.		
1804:50 UTC [0204:50 MYT] HCM ACC	Somewhere over Cambodia.		
1804:51 UTC [0204:51 MYT] KL ACC	Affirm.		
1804:52 UTC [0204:52 MYT] HCM ACC	That's mean not enter our FIR.		

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TIME & SOURCE		TIME & SOURCE	
1804:58 UTC [0204:58 MYT] KL ACC	Okay I am not very sure about that but daa... this is what the airlines represent MAS said that the aircraft ...		
1805:05 UTC [0205:05 MYT] HCM ACC	Okay okay let me check with Cambodia.		
1805:08 UTC [0205:08 MYT] KL ACC	Yeap please check with Cambodia please.		
1805:09 UTC [0205:09 MYT] HCM ACC	Yeah.		
1805:10 UTC [0205:10 MYT] KL ACC	Okay and call me back.		
End of Direct Line Telephone Conversation Between KL ACC and HCM ACC			
		1809:35 UTC [0209:35 MYT] TGW 2657	Lumpur Control GoCat Two Six Five Seven good morning we are flight level three five zero squawking four seven zero four over Victor Kilo Bravo.

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		1809:46 UTC [0209:46] MYT Lumpur Radar	GoCat Two Six Five Seven Lumpur Radar identified maintain flight level four three seven correction three five zero.
		1809:53 UTC [0209:53 MYT] TGW 2657	Maintain GoCat Two Six Five Seven.
		1815:27 UTC [0215:27 MYT] CCA 405	Lumpur Control ah good morning China Four Zero Four maintain level two eight zero.
		1815:34 UTC [0215:34 MYT] Lumpur Radar	Air China Four Zero Four Lumpur Radar confirm squawk.
		1815:38 UTC [0215:38 MYT] CCA 405	Squawk two two one seven.
		1815:41 UTC [0215:41 MYT] Lumpur Radar	Air China Four Zero Four identified climb level three four zero.

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		1815:46 UTC [0215:46 MYT] CCA 405	Climb to three our zero Air China Four Zero Four.
		1816:05 UTC [0216:05 MYT]	<i>Sound of telephone ringing.</i>
		1816:13 UTC [0216:13 MYT] Source unknown	Helo.
		1816:17 UTC [0216:17 MYT] Source unknown	Helo.
		1816:21 UTC [0216:21 MYT]	Telephone line cut-off tone TOO TOO TOO TOO.
		1816:30 UTC [0216:30 MYT]	<i>End of Telephone line cut-off tone.</i>
		1816:36 UTC [0216:36 MYT] THA 465	Lumpur Control Thai Four Six Five good morning maintaining flight level three seen zero.
		1816:46 UTC [0216:46 MYT] Lumpur Radar	Thai Four Six Five Lumpur squawk ident.

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		1816:49 UTC [0216:49 MYT] THA 465	Squawk six one one six idening Thai Four Six Five.
		1817:01 UTC [0217:01 MYT] Lumpur Radar	Four Six Five identified mainain level daa...three seven zero.
		1817:06 UTC [0217:06 MYT] THA 465	Maintain flight level three seven zero Thai Four Six Five.
		1817:10 UTC [0217:10 MYT] Lumpur Radar	Malaysian Three Eight Six climb initially level three four zero.
		1817:19 UTC [0217:19 MYT] Lumpur Radar	Malaysian Three Eight Six climb initially level three four zero.
		1817:22 UTC [0217:22 MYT] MAS 386	To three four zero Malaysian Three Eight Six.

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TIME & SOURCE		TIME & SOURCE	
	1820:24 UTC [0220:24 MYT] MAS 386		Three Eight Six maintaining flight level three four zero request higher.
	1820:32 UTC [0220:32 MYT] Lumpur Radar		Three Eight Six standby.
			Direct Line Telephone Conversation Between KL ACC and Bangkok ACC
	1821:50 UTC [0221:50 MYT] KL ACC		Yeah Bangkok.
	1821:51 UTC [0221:51 MYT] Bangkok ACC		Helo three estimates Kota Bharu.
	1821:53 UTC [0221:53 MYT] Source unknown		Songkran around.
	1822:02 UTC [0222:02 MYT] KL ACC		Okay Bangkok go ahead.

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		1822:04 UTC [0222:04 MYT] Bangkok ACC	First one Zero One Cargo Five Three Zero.
		1822:08 UTC [0222:08 MYT] KL ACC	Go ahead.
		1822:10 UTC [0222:10 MYT] Bangkok ACC	Kota Bharu one nine one five flight level three five zero squawk six one one seven.
		1822:18 UTC [0222:18 MYT] KL ACC	Next.
		1822:19 UTC [0222:19 MYT] Bangkok ACC	Silk Air Five Zero Nine.
		1822:22 UTC [0222:22 MYT] KL ACC	Go ahead.
		1822:24 UTC [0222:24 MYT] Bangkok ACC	Kota Bharu one nine four two flight level three five zero squawk seven four zero two.

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		1822:31 UTC [0222:31 MYT] KL ACC	Next.
		1822:31 UTC [0222:31 MYT] Bangkok ACC	Last one Singapore Four Four Seven.
		1822:35 UTC [0222:35 MYT] KL ACC	Go ahead.
		1822:37 UTC [0222:37 MYT] Bangkok ACC	Two zero one three flight level three nine zero squawk four seven five one.
		1822:43 UTC [0222:43 MYT] KL ACC	Okay I read back er... (xxx) [illegible] Cargo Five Three Zero Kota Bharu one nine one five flight level three five zero squawk six one one seven, Silk Air Five Two Niner Kota Bharu one nine four two flight level three five zero squawk seven four zero two and last one Singapore Four Four Seven IGARI two zero one six one three flight level three niner zero squawk four seven five one confirm.

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		1823:04 UTC [0223:04 MYT] Bangkok ACC	Yes the second one is Silk Air Five Zero Niner.
		1823:07 UTC [0223:07 MYT] KL ACC	Five Silk Air Five Zero Niner copied.
		1823:09 UTC [0223:09 MYT] Bangkok ACC	Affirm thank you.
		End of Direct Line Telephone Conversation Between KL ACC and Bangkok ACC	
		1823:16 UTC [0223:16 MYT] Lumpur Radar	Malaysian Three Five Zero climb level three five zero.
		1823:20 UTC [0223:20 MYT] Lumpur Radar	Malaysian Three Eight Six climb level three five zero.
		1823:22 UTC [0223:22 MYT] MAS 386	Three five zero Malaysian Three Eight Six.

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		1823:26 UTC [0223:26 MYT] Lumpur Radar	Malaysian Three Eight Six expect igher later by... Ho Chi Minh.
		1823:29 UTC [0223:29 MYT] MAS 386	Malaysian Three Eight Six.
		1827:06 UTC [0227:06 MYT] Lumpur Radar	Thai Four Eight Three contact Singapore one two three decimal seven.
		1827:09 UTC [0227:09 MYT] THA 483	Singapore one two three decimal seven Thai Four Eight Three.
		1830:40 UTC [0230:40 MYT] Lumpur Radar	Thai Four Six Five contact Singapore one two three decimal seven.
		1830:45 UTC [0230:45 MYT] THA 465	One two three decimal seven Thai Four Six Five.

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		1832:23 UTC [0232:23 MYT] MAS 6163	Lumpur Six One SixThree morning.
		1832:32 UTC [0232:32 MYT] MAS 6163	Lumpur Malaysian Six One Six Three.
		1832:42 UTC [0232:42 MYT] MAS 6163	Lumpur Malaysian Six One Six Three one three four two five.
		1832:46 UTC [0232:46 MYT] Lumpur Radar	Malaysian Six One Six Three Lumpur Radar firm squawk and level.
		1832:51 UTC [0232:51 MYT] MAS 6163	Level three six zero squawking six three four five Malaysian Six One Six Three.
		1832:57 UTC [0232:57 MYT] Lumpur Radar	Malaysian Six One Six Three identified maintain level three six zero.

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		1833:00 UTC [0233:00 MYT] MAS 6163	Roger Malaysian Six One Six Three.
		1833:18 UTC [0233:18 MYT] Lumpur Radar	Malaysian Three Eight Six contact Ho Chi Minh one two zero decimal niner.
		1833:22 UTC [0233:22 MYT] MAS 386	One two zero decimal nine Malaysian Three Eight Six.
		1833:26 UTC [0233:26 MYT] Lumpur Radar	GoCat Two Six Five Seven contact Singapore one two three decimal seven.
		1833:31 UTC [0233:31 MYT] TGW 2657	One two three decimal seven GoCat Two Six Five Seven.
1833:50 UTC [0233:50 MYT]	LUMPUR RADAR DAILING TELEPHONE LINE		
1833:53 UTC [0233:53 MYT]	Telephone ringing tone.		

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TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1833:59 UTC [0233:59 MYT] MAS Operations	Helo.		
1834:00 UTC 0234:00 MYT KL ACC	Okay aah... helo good good mor morning.		
1834:02 UTC [0234:02 MYT] MAS Operations	Yeah yeah.		
1834:03 UTC [0234:03 MYT] KL ACC	Calling from Subang Centre lah.		
1834:06 UTC [0234:06 MYT] MAS Operations	err... ya.		
1834:07 UTC [0234:07 MYT] KL ACC	This is MAS Operations is it.		
1834:09 UTC [0234:09 MYT] MAS Operations	Ya ya		

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TIME & SOURCE		TIME & SOURCE	
1834:10 UTC [0234:10 MYT] KL ACC	Okay err.... regarding your Malaysian Three Seven Zero.		
1834:13 UTC [0234:13 MYT] MAS Operations	Herha.		
1834:14 UTC [0234:14 MYT] KL ACC	Ho Chi Minh said still negative contact.		
1834:17 UTC [0234:17 MYT] MAS Operations	Haa.		
1834:17 UTC [0234:17 MYT] KL ACC	And the no radar target at all.		
1834:20 UTC [0234:20 MYT] MAS Operations	Okay.		
1834:21 UTC [0234:21 MYT] KL ACC	But earlier we checked with MAS I think your side somebody said that the aircraft still flying and you already send signal to the aircraft.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1834:29 UTC [0234:29 MYT] MAS Operations	Ya.		
1834:30 UTC [0234:30 MYT] KL ACC	Okay and daa... what is daa... I mean did they reply to you or not.		
1834:34 UTC [0234:34 MYT] MAS Operations	No no no they never reply.		
1834:36 UTC [0234:36 MYT] KL ACC	Malaysian Three Seven Zero.		
1834:37 UTC [0234:37 MYT] MAS Operations	Hmm ya.		
1834:38 UTC [0234:38 MYT] KL ACC	But daa...how do you know that they ooo...ya...		
1834:41 UTC [0234:41 MYT] MAS Operations	Because of the.... message went through successfully.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1834:44 UTC [0234:44 MYT] KL ACC	Successfully went through.		
1834:45 UTC [0234:45 MYT] MAS Operations	Aaa...		
1834:46 UTC [0234:46 MYT] KL ACC	Okay amm.... can you I mean is there (xxx) [illegble] any possible for the aircraft to answer you.		
1834:53 UTC [0234:53 MYT] MAS Operations	Eer...		
1834:54 UTC [0234:54 MYT] KL ACC	Anyway aircraft can answer you.		
1834:58 UTC [0234:58 MYT] MAS Operations	Do know daa.... You have to try the SATCOM la sir.		
1835:02 UTC [0235:02 MYT] KL ACC	hmm hamm.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1835:02 UTC [0235:02 MYT] MAS Operations	Will try the SATCOM and see.		
1835:03 UTC [0235:03 MYT] KL ACC	Okay.		
1835:05 UTC [0235:05 MYT] KL ACC	Hah hah see whether they can I am sure whether the position or whether they contact with anyone and the estimate for landing or anything.		
1835:13 UTC [0235:13 MYT] MAS Operations	Okay.		
1835:14 UTC [0235:14 MYT] KL ACC	Okay and daa okay daa because da Ho Chi Minh still worry because they have eercompletely no contact at all either radio or radar.		
1835:26 UTC [0235:26 MYT] MAS Operations	Okay.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1835:27 UTC [0235:27 MYT] KL ACC	Okay so.		
1835:29 UTC [0235:29 MYT] MAS Operations	Can fax them the...because is still down loading the..... aircraft movement.		
1835:35 UTC [0235:35 MYT] KL ACC	Ah huh.		
1835:36 UTC [0235:36 MYT] MAS Operations	Aircraft still sending the ... movement message.		
1835:38 UTC [0235:38 MYT] KL ACC	Okay.		
1835:39 UTC [0235:39 MYT] MAS Operations	Positioning message.		
1835:40 UTC [0235:40 MYT] KL ACC	Positioning message okay okay aah....		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1835:43 UTC [0235:43 MYT] MAS Operations	Roughly aaa... somewhere Vietnam.		
1835:46 UTC [0235:46 MYT] KL ACC	Okay can you tell what is the last position aircraft passed now.		
1835:52 UTC [0235:52 MYT] MAS Operations	Is the last position was eer...Lat Long fourteen fourteen point nine zero zero zero zero.		
1836:06 UTC [0236:06 MYT] KL ACC	Eer... say again please.		
1836:07 UTC [0236:07 MYT] MAS Operations	Eer... Latitude is fourteen point nine eer....		
1836:11 UTC [0236:11 MYT] KL ACC	eeh eeh		
1836:12 UTC [0236:12 MYT] MAS Operations	Zero zero zero zero.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1836:15 UTC [0236:15 MYT] KL ACC	Four, four time zero.		
1836:16 UTC [0236:16 MYT] MAS Operations	Yeah.		
1836:18 UTC [0236:18 MYT] KL ACC	Okay.		
1836:19 UTC [0236:19 MYT] MAS Operations	Longitude is one zero niner.		
1836:22 UTC [0236:22 MYT] KL ACC	One zero nine.		
1836:24 UTC [0236:24 MYT] MAS Operations	One five five zero zero.		
1836:25 UTC [0236:25 MYT] KL ACC	One five zero zero at what time please.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1836:28 UTC [0236:28 MYT] MAS Operations	At one eight three three five six.		
1836:30 UTC [0236:30 MYT] KL ACC	One eight three three huh.		
1836:32 UTC [0236:32 MYT] MAS Operations	Auh.		
1836:32 UTC [0236:32 MYT] KL ACC	Okay this is the position aircraft passed by one eight three three uh.		
1836:36 UTC [0236:36 MYT] MAS Operations	Huh		
1836:37 UTC [0236:37 MYT] KL ACC	Okay aah... this one let them call okay and daaadvise okay you try to raise the aircraft and then like aah... I mean to reply you whether they are eer... contact any of the ATC unit along unit or not.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1836:55 UTC [0236:55 MYT] MAS Operations	Alright.		
1836:56 UTC [0236:56 MYT] KL ACC	Okay please thank you.		
1837:00 UTC [0237:00 MYT]	Tone of telephone cut off too too too.		
End of Direct Line Conversation Between KL ACC and MAS Operations Centre			
1837:15 UTC [0237:15 MYT]	Direct line ringing tone.		
1837:21 UTC [0237:21 MYT] KL ACC	They will try <i>[back ground conversation]</i>		
1837:24 UTC [0237:24 MYT] KL ACC	Aircraft still flying it seem [back ground conversation]		
1837:25 UTC [0237:25 MYT]	Telephone ringing at this time.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1837:34 UTC [0237:34 MYT] HCM ACC	Yes.		
1837:35 UTC [0237:35 MYT] KL ACC	Okay Ho Chi Minh.		
1837:36 UTC [0237:36 MYT] HCM ACC	Sir.		
1837:37 UTC [0237:37 MYT] KL ACC	The... Malaysian Three Seven Zero.		
1837:40 UTC [0237:40 MYT] HCM ACC	Yes.		
1837:41 UTC [0237:41 MY] KL ACC	Okay aircraft is eer... still flying and then keep on sending position report to the company.		
1837:49 UTC [0237:49 MYT] HCM ACC	Yeah.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1837:49 UTC [0237:49 MYT] KL ACC	Okay.		
1837:50 UTC [0237:50 MYT] HCM ACC	The aircraft is landing at (xxxx) [illegible]		
1837:52 UTC [0237:52 MYT] KL ACC	Say again.		
1837:53 UTC [0237:53 MYT] HCM ACC	Say again say again for Malaysian Three Seven Zero.		
1837:56 UTC [0237:56 MYT] KL ACC	Affirm Malaysian Three Seven Zero still flying aircraft keep sending position report to the airline okay to the company okay it last at time one eight three three at time one eight three three aircraft passed position one eer... one four nine zero zero zero zero.		
1838:18 UTC [0238:18 MYT] HCM ACC	Yes.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1838:19 UTC [0238:19 MYT] KL ACC	And the... one zero nine east one five zero zero.		
1838:25 UTC [0238:25 MYT] HCM ACC	Five zero zero.		
1838:26 UTC [0238:26 MYT] KL ACC	Yeah affirm.		
1838:27 UTC [0238:27 MYT] HCM ACC	Say again the first one, one four nine.		
1838:29 UTC [0238:29 MYT] KL ACC	One four nine zero zero zero zero.		
1838:31 UTC [0238:31 MYT] HCM ACC	Yes and one zero nine east and one five zero zero at time one eight three three.		
1838:36 UTC [0238:36 MYT] KL ACC	Affirm.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1838:38 UTC [0238:38 MYT] HCM ACC	Alright okay thank you information we check position.		
1838:40 UTC [0238:40 MYT] KL ACC	Okay right thank you.		
Direct Line Telephone Conversation Between KL ACC and HCM ACC			
		1840:30 UTC [0240:30 MYT] MAS 6163	Malaysian Six One Six Three request descend.
		1840:36 UTC [0240:36 MYT] Lumpur Radar	Malaysian Six One Six Three descend flight level three five zero.
		1840:40 UTC [0240:40 MYT] MAS 6163	When ready descend now to flight level three five zero Malaysian Six One Six Three.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1843:01 UTC [0243:01 MYT] MAS 6163	Malaysian naa Six One Six Three leaving three six zero for flight level three five zero.
		1843:09 UTC [0243:09 MYT] Lumpur Radar	Malaysian Six One Six Three.
		1844:19 UTC [0244:19 MYT] Lumpur Radar	Malaysian Six One Six Three descend to flight level one six zero.
		1844:25 UTC [0244:25 MYT] MAS 6163	K Continue descend now to flight level one six zero Malaysian Six One Six Three.
		1844:30 UTC [0244:30 MYT] OCA 404	Air Asian Four Zero Four contact Bangkok one two three decimal niner five.
		1844:34 UTC [0244:34 MYT] OCA 404	One two three nine five Four Zero Four.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1849:17 UTC [0249:17 MYT] GIA 894	Singapore good morning Indonesia Eight Niner Four flight level three six zero.
		1849:28 UTC [0249:28 MYT] Lumpur Radar	Station calling say again.
		1849:30 UTC [0249:30 MYT] GIA 894	Indonesia Eight Niner Four eer... Flight level three six zero.
		1849:36 UTC [0249:36 MYT] Lumpur Radar	Indonesia Eight Niner Four position please.
		1849:39 UTC [0249:39 MYT] GIA 894	We are just approaching DOGOG sir Indonesia Eight Niner Four squawk seven one one four.
		1849:49 UTC [0249:49 MYT] Lumpur Radar	Indonesia Eight Niner Four say again your squawk number.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1849:53 UTC [0249:53 MYT] GIA 894	Squawk seven one one four Indonesia Eight Niner Four.
		1849:57 UTC [0249:57 MYT] Lumpur Radar	Roger Indonesia Eight Niner Four wrong frequency sir and this is Kuala Lumpur.
		1850:04 UTC [0250:04 MYT] GIA 894	Okay Indonesia Eight Niner Four thank you.
		1852:46 UTC [0252:46 MYT] MAS 6163	Approaching flight level one six zero.
		1852:49 UTC [0252:49 MYT] Lumpur Radar	Malaysian Six One Six Three contact Butterworth one two five decimal eight.
		1852:53 UTC [0252:53 MYT] MAS 6163	Five eight Malaysian Six One Six Three.

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1853:48 UTC [0253:48 MYT] MAS 386	Malaysian Three Seven Zero this is Malaysian Three Eight Six.		
1854:02 UTC [0254:02 MYT] MAS 386	Malaysian Three Seven Zero this is Malaysian Three Eight Six.		
1854:14 UTC [0254:14 MYT] Lumpur Radar	Malaysian Three Eight Six eer... this is Lumpur Radar confirm you are trying to call Malaysian Three Seven Zero.		
1854:21 UTC [0254:21 MYT] MAS 386	That is affirm sir eer because Ho Chi Minh asked us to contact them they have lost contact eer... with them.		
1854:28 UTC [0254:28 MYT] Lumpur Radar	Yeah okay affirm already transfer to Ho Chi Minh and Ho Chi Minh negative contact with the aircraft eer please try to raise the aircraft on maybe on emergency frequency.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1854:39 UTC [0254:39 MYT] MAS 386	Roger we try one two one five eer... now we try on one two three four five, thank you.		
1854:52 UTC [0254:52 MYT] Lumpur Radar	Malaysian Three Eight Six Lumpur.		
		1904:24 UTC [0304:24 MYT] SLK 937	Lumpur Control very good morning Silk Air Nine Three Seven flight level three nine zero approaching Victor Kilo Bravo squawk one five one three.
		1904:38 UTC [0304:38 MYT] Lumpur Radar	Silk Air Niner Three Seven Lumpur Radar identified maintain level three nine zero.
		1904:44 UTC [0304:44 MYT] SLK 937	Silk air Nine Three Seven roger.
		1909:36 UTC [0309:36 MYT] CEB 502	Lumpur Radar good morning Cebu Five Zero Two squawk two one four three climbing level one eight zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1909:45 UTC [0309:45 MYT] Lumpur Radar	Cebu Five Zero Two good morning climb level two niner zero direct Victor Papa Kilo.
		1909:53 UTC [0309:53 MYT] CEB 502	Climb level two niner zero and daa...say again the direct waypoint sir.
		1909:59 UTC [0309:59 MYT] Lumpur Radar	Cebu Five Zero Two direct Victor Papa Kilo.
		1910:02 UTC [0310:02 MYT] CEB 502	Track direct Victor Papa Kilo aah Five Zero Two.
		1912:40 UTC [0312:40 MYT] GEC 530	Lumpur eer good evening German Cargo Five Three Zero flight level three five zero.
		1912:56 UTC [0312:56 MYT] GEC 530	Lumpur good evening German Cargo Five Three Zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1913:04 UTC [0313:04 MYT] Lumpur Radar	Station calling standby.
		1913:16 UTC [0313:16 MYT] Lumpur Radar	German Cargo Five Zero Two confirm squawk and level.
		1913:20 UTC [0313:20 MYT] GEC 530	Squawking six one one seven and level, level at three five zero approaching ah ah Victor Kilo Barvo German Cargo Five Three Zero.
		1913:28 UTC [0313:28 MYT] Lumpur Radar	German Cargo Three Five Zero identified maintain level three five zero.
		[1913:32 UTC] [0313:32 MYT] GEC 530	Maintain level three five zero German Cargo Three Five Zero.
		1917:33 UTC [0317:33 MYT] CES 540	Lumpur Radar good morning China Eastern Five Four Zero climb level one eight zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1917:51 UTC 0317:51 MYT CES 540	Lumpur Radar morning China Eastern Five Four Zero.
		1918:00 UTC [0318:00 MYT] CES 540	Lumpur Approach Five Four Zero.
		1918:07 UTC [0318:07 MYT] Lumpur Radar	(xxxx) [illegible] Five four Zero stanby.
		1918:09 UTC [0318:09 MYT] Source unknown	(xxxx) [illegible]
		1918:13 UTC [0318:13 MYT] Lumpur Radar	(xxxx) [illegible] Five Four Zero eer climb to two five zero.
		1918:18 UTC [0318:18 MYT] CES 540	Confirm level two five zero China Air Five Four Zero.
		1918:22 UTC [0318:22 MYT] Lumpur Radar	Affirm direct Victor Papa Kilo.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1918:25 UTC [0318:25 MYT] CES 540	Two five zero thank you.
		1920:06 UTC [0320:06 MYT] Lumpur Radar	China Eastern Five Four Zero climb flight level two niner zero.
		1920:10 UTC [0320:10 MYT] CES 540	Level two niner zero China Five Four Zero.
		1920:13 UTC [0320:13 MYT] Lumpur Radar	Cebu Five Zero Three contact Singapore one two three decimal seven.
		1920:18 UTC [0320:18 MYT] CEB 503	One two three decimal seven good day.
		1922:17 UTC [0322:17 MYT] CES 540	Lumpur Radar China Eastern Five Four Zero.
		1922:20 UTC [0322:20 MYT] Lumpur Radar	China Eastern Five Four Zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1922:23 UTC [0322:23 MYT] CES 540	China Eastern request direct to Victor Papa Kilo.
		1922:28 UTC [0322:28 MYT] Lumpur Radar	China Eastern Five Four Zero direct Victor Papa Kilo approved.
		1922:32 UTC [0322:32 MYT] Lumpur Radar	Approved China Eastern Five Four Zero.
		1930:55 UTC [0330:55 MYT] Lumpur Radar	China Eastern Five Four Zero contact Singapore one two three decimal seven.
		1931:00 UTC [0331:00 MYT] CES 540	Comfirm (xxxx) [illegible] China Five Four Zero.
		1931:03 UTC [0331:03 MYT] Lumpur Radar	China Eastern Five Four Zero affirm one two three seven good day.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1931:06 UTC [0331:06 MYT] CES 540	One two three seven China Eastern Five Four Zero.
		1932:40 UTC [0332:40 MYT] Lumpur Radar	Silk Air Nine Three Seven contact Singapore one two three decimal seven.
		1932:50 UTC [0332:50 MYT] Lumpur Radar	Silk Air Nine Three Seven contact Singapore one two three seven.
		1932:54 UTC [0332:54 MYT] SLK 937	Three seven Silk Air Nine Three Seven bye bye.
		1932:56 UTC [0332:56 MYT] Lumpur Radar	Bye bye.
		1933:52 UTC [0333:52 MYT] AXA 377	Lumpur Control good morning Xanadu Three Seven Seven flight level three six zero squawk two six three six.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1933:59 UTC [0333:59 MYT] Lumpur Radar	Xanadu Three Seven Seven identified direct Nipah for Nipah Three Alpha Arrival Three Two Right and naa... for Istan Transition level three six zero.
		1934:12 UTC [0334:12 MYT] AXA 377	Clear to Lumpur aah for Istan Transition Nipah Three Two Right and aah maintain flight level three six zero, request descend.
		1934:20 UTC [0334:20 MYT] Lumpur Radar	Xanadu Three Seven Seven aah Traffic crossing on your eer on your right standby,
		1934:25 UTC [0334:25 MYT] AXA 377	Roger copied,
		1936:24 UTC [0336:24 MYT] GEC 530	German Cargo Five Three Zero request desend,
		1936:30 UTC [0336:30 MYT] Lumpur Radar	German Cargo Five Three Zero standby,

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
			Lumpur Sector 3+5 calling Singapore on Direct Line
		1936:40 UTC [0336:40 MYT] Singapore ACC	Lumpur Singapore.
		1936:41 UTC [0336:41 MYT] KL ACC	Aah German Cargo Five Three Zero can descend now.
		1936:44 UTC [0336:44 MYT] Singapore ACC	Can naa descend to flight level two niner zero.
		1936:46 UTC [0336:46 MYT] KL ACC	Two nine zero thank you.
			END OF DIRECT LINE COMMUNICATION
		1936:50 UTC [0336:50 MYT] Lumpur Radar	Cargo Five Three Zero descend to flight level two niner zero.
		1936:55 UTC [0336:55 MYT] GEC 530	Descend to flight level two nine zero German Cargo Five Three Zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1936:59 UTC [0336:59 MYT] Lumpur Radar	Affirm.
		1937:32 UTC [0337:32 MYT] Lumpur Radar	Xanadu Three Seven Seven descend to flight level one niner zero.
		1937:37 UTC [0337:37 MYT] AXA 377	Flight level one niner zero Xanadu Three Seven Seven.
		1938:03 UTC [0338:03 MYT] Lumpur Radar	German Cargo Five Three Zero contact Singapore now one two three seven.
		1938:08 UTC [0338:08 MYT] GEC 530	Three seven German Cargo Five Three Zero good night.
		1938:12 UTC [0338:12 MYT] Lumpur Radar	Good night.
		1942:13 UTC [0342:13 MYT] Lumpur Radar	Three Seven Seven descend to flight level one five zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1942:16 UTC [0342:16 MYT] AXA 377	Confirm descend to flight level one five zero for Xanadu Three Seven Seven.
		1942:20 UTC [0342:20 MYT] Lumpur Radar	Xanadu Three Seven Seven affirm descend one five zero.
		1942:24 UTC [0342:24 MYT] AXA 377	Roger descend to flight level one five zero Xanadu Three Seven Seven.
		1942:50 UTC [0342:50 MYT] SLK 509	Lumpur Control Silk Air Five Zero Niner good morning.
		1942:54 UTC [0342:54 MYT] Lumpur Radar	Silk Air Five Zero Nine morning confirm squawk.
		1942:58 UTC [0342:58 MYT] SLK 509	Squawk seven four zero two flight level three nine zero Victor Kilo Bravo.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1943:04 UTC [0343:04 MYT] Lumpur Radar	Five Zero Nine identified maintain three nine zero.
		1943:07 UTC [0343:07 MYT] SLK 509	Flight level three nine zero Silk Air Five Zero Nine.
		1945:18 UTC [0345:18 MYT] AXA 377	Xanadu Three Seven Seven request lower.
		1945:24 UTC [0345:24 MYT] Lumpur Radar	Xanadu Three Seven Seven contact Approach one two one two five.
		1945:28 UTC [0345:28 MYT] AXA 377	One two one two five Xanadu Three Seven Seven.
		1945:52 UTC [0345:52 MYT] TAX 5094	Good morning Jonathan Five Zero Nine Four passing flight level two six seven for flight level two eight zero squawk two two one zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		1946:06 UTC [0346:06 MYT] Lumpur Radar	Five Zero Nine Four Five Zero Nine climb to flight level three four zero.
		1946:14 UTC [0346:14 MYT] TAX 5094	Climb to flight level three four zero Jonathan Five Zero Nine Four.
	Radar direct line ringing Background talking by Sector 3+5 Radar Controller		
1948:46 UTC [0348:46 MYT] KL ACC	One seven one seven (bukan aku punya) [National Language]		
1948:52 UTC [0348:52 MYT] HCM ACC	Kuala Lumpur Ho Chi Minh.		
1948:53 UTC [0348:53 MYT] KL ACC	Ho Chi Minh regarding the Malaysian Three Seven Zero earlier any any any news from the aircraft.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1949:02 UTC [0349:02 MYT] HCM ACC	Until now nothing.		
1949:04 UTC [0349:04 MYT] KL ACC	Nothing aa so far because aircraft suppose to pass IGARI at time two two IGARI two two so far you negative contact at all with the aircraft.		
1949:15 UTC [0349:15 MYT] HCM ACC	Standby.		
1949:16 UTC [0349:16 MYT] KL ACC	You check with adjacent FIR.		
1949:20 UTC [0349:20 MYT] HCM ACC	Sorry.		
1949:21 UTC [0349:21 MYT] KL ACC	Aah.... Halo.		
1949:22 UTC [0349:22 MYT] HCM ACC	Yeah.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1949:23 UTC [0349:23 MYT] KL ACC	Yeah regarding the Malaysian Three Seven Zero earlier.		
1949:26 UTC [0349:26 MYT] HCM ACC	Yeah.		
1949:27 UTC [0349:27 MYT] KL ACC	Yeah is there any news (dia punya dia punya) [National Language] aircraft.		
1949:32 UTC [0349:32 MYT] HCM ACC	Sorry news.		
1949:33 UTC [0349:33 MYT] KL ACC	News you have anything about the aircraft.		
1949:34 UTC [0349:34 MYT] HCM ACC	Yeah we don't have any information until now.		
1949:37 UTC [0349:37 MYT] KL ACC	Ya informtion that aircraft supposed to pass IGARI time two two aah.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1949:42 UTC [0349:42 MYT] HCM ACC	Sorry.		
1949:43 UTC [0349:43 MYT] KL ACC	Suppose to pass IGARI one seven two two estimate IGARI one seven two two earlier.		
1949:49 UTC [0349:49 MYT] HCM ACC	Yeah.		
1949:50 UTC [0349:50 MYT] KL ACC	Can you check with the adjacent FIR is the aircraft is going to Beijing.		
1949:55 UTC [0349:55 MYT] HCM ACC	Ah... ah...Oh yes I, I after position naa... we have no information and no contact the aircraft at position naaa... IGARI and then about few minutes later the aircraft disappear our radar.		
1950:08 UTC [0350:08 MYT] KL ACC	There there there is the aircraft whether whether contact with you aa... I mean aaa.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1950:16 UTC [0350:16 MYT] HCM ACC	We just see him on the radar screen one time and after a few minutes later disappear.		
1950:21 UTC [0350:21 MYT] KL ACC	After ah... after ah a few minutes later disappear.		
1950:26 UTC [0350:26 MYT] HCM ACC	Yeah.		
1950:27 UTC [0350:27 MYT] KL ACC	Okay then so far you have no news about the aircraft.		
1950:31 UTC [0350:31 MYT] HCM ACC	Yeah until now we ask many aircraft company or the aircraft on frequency but no response no one ah... know about Malaysian Three Seven Zero until now.		
1950:42 UTC [0350:42 MYT] KL ACC	No one know okay actually by the routing aa after IGARI how is tracking to which FIR which FIR he will be going.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1950:51 UTC [0350:51 MYT] HCM ACC	Yeah Sanya.		
1950:53 UTC [0350:53 MYT] KL ACC	Ah... aah...		
1950:54 UTC [0350:54 MYT] HCM ACC	Yeah, Chinese Sanya Chinese.		
1950:56 UTC [0350:56 MYT] KL ACC	Sanya Chinese can you check with them whether they are is there,		
1950:59 UTC [0350:59 MYT] HCM ACC	I asked already, I already untill now no response from him.		
1951:02 UTC [0351:02 MYT] KL ACC	Okay no response okay in that case if anything you got any news on this thing because operations is asking if you got any news you give me or you just inform Lumpur.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1951:12 UTC [035112 MYT] HCM ACC	Yeah sure.		
1951:13 UTC [0351:13 MYT] KL ACC	And so so so the the the you have taken immediate action about the aircraft, you taken any action about the aircraft,		
1951:22 UTC [035122 MYT] HCM ACC	Taking,		
1951:23 UTC [0351:23 MYT] KL ACC	Action action what what action are you taking with regarding the aircraft,,		
1951:27 UTC [035127 MYT] HCM ACC	Aah... currently we are try to coordination with Sanya about the information because the time transfer, flight level,		
1951:36 UTC [0351:36 MYT] KL ACC	Aaah ...		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1951:37 UTC [0351:37 MYT] HCM ACC	And we have information to the Sunny nothing.		
1951:41 UTC [0351:41 MYT] KL ACC	Okay okay if there is anything you advise Lumpur please aah...		
1951:44 UTC [0351:44 MYT] HCM ACC	Yeah.		
1951:45 UTC [0351:45 MYT] KL ACC	Okay okay we will keep in touch thank you.		
End Of Direct Line Telephone Conversation Between KL ACC (Sector 3+5) with HCM ACC			
Direct Line Telephone Conversation Between KL ACC (Sector 3+5) And MAS Operations			
1956:13 UTC [0356:13 MYT] KL ACC	Dailing Direct Telephone Line.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1956:19 UTC [0356:19 MYT] KL ACC	(Satu dua Enam Empat) [National Language]		
1956:22 UTC [0356:22 MYT]	Direct Telephone ringing		
1956:27 UTC [0356:27 MYT] MAS Operations	Hello selamat pagi[National Language]		
1956:29 UTC [0356:29 MYT] KL ACC	Pagi [National Language] Operation Centre here.		
1956:31 UTC [0356:31 MYT] MAS Operations	Centre yeah Centre.		
1956:32 UTC [0356:32 MYT] KL ACC	Is there anything on any news on Mal Malaysian Three Seven Zero.		
1956:35 UTC [0356:35 MYT] MAS Operations	Not yet laa sir.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1956:36 UTC [0356:36 MYT] KL ACC	Not yet.		
1956:37 UTC [0356:37 MYT] MAS Operations	Aah... takdak lagi [National Language]		
1956:38 UTC [0356:38 MYT] KL ACC	Masa I check with Ho Chi Minh we we can check with Ho Chi Minh laa.. Ho Chi Minh kata takdak dia pun tak contact tapi at one time dia kata nampak blip tau. [National Language]		
1956:45 UTC [0356:45 MYT] MAS Operations	Nampak bling. [National Language]		
1956:46 UTC [0356:46 MYT] KL ACC	Aah... dia nampak blip aaa... IGARI side la kan. [National Language]		
1956:50 UTC [0356:50 MYT] MAS Operations	IGARI side lah.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1956:51 UTC [0356:51 MYT] KL ACC	Aah dia kata last last itu nampak blip tetapi [National Language]		
1956:53 UTC [0356:53 MYT] MAS Operations	Pukul berapa itu. [National Language]		
1956:55 UTC [0356:55 MYT] KL ACC	Aaa...eeh...estimate IGARI tadi lebih kurang pukul pukul satu dua puluh lima laa lebih kurang tu lah. [National Language]		
1957:01 UTC [0357:01 MYT] MAS Operations	Okay.		
1956:02 UTC [0356:02 MYT] KL ACC	Eh lepas tu dia kata nampak blip lepas tu takdak. [National Language]		
1957:06 UTC [0357:06 MYT] MAS Operations	Dalam monitor dia orang masih ada lagi tak. [National Language]		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1956:08 UTC [0356:08 MYT] KL ACC	Takdak tadak dia nampak sekejap dalam monitor dia orang cakap nampak sekejap macam tu lah lebih pada tu takdak contact, no contact. [National Language]		
1957:16 UTC [0357:16 MYT] MAS Operations	Alamak. [National Language]		
1957:16 UTC [0357:16 MYT] KL ACC	Aah... itulah so saya suruh dia check dia check adjacent FIR aah so far takdak lagi no news dia kata. [National Language]		
1957:24 UTC [0357:24 MYT] MAS Operations	No news so kita orang pun try juga [National Language] I... aircraft.		
1957:28 UTC [0357:28 MYT] KL ACC	Aah.		
1957:28 UTC [0357:28 MYT] MAS Operations	Belum ada response lagi. [National Language]		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
1957:30 UTC [0357:30 MYT] KL ACC	Okaylah anything you you just inform us lah aah.		
1957:32 UTC [0357:32 MYT] MAS Operations	Aah okay okay.		
1957:33 UTC [0357:33 MYT] KL ACC	Kita dapat apa apa we inform you lah. [National Language]		
1957:35 UTC [0357:35 MYT] MAS Operations	Okay okay.		
1957:36 UTC [0357:36 MYT] KL ACC	Eer okay okay right.		
1957:37 UTC [0357:37 MYT] MAS Operations	Siapa cakap ni [National Language]		
1957:37 UTC [0357:37 MYT] KL ACC	Aaa... saya xxxxx sini [National Language]		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
1957:39 UTC [0357:39 MYT] MAS Operations	Okay okay.		
1957:39 UTC [0357:39 MYT] KL ACC	Okay right.		
End of Direct Line Telephone Conversation Between KL ACC and MAS Operations Centre			
		2003:11 UTC [0403:11 MYT] Lumpur Radar	Silk Air Five Zero Niner contact Singapore one two three decimal seven.
		2003:17 UTC [0403:17 MYT] SLK 509	You are coming in broken can you say again Silk Air Five Zero Nine.
		2003:20 UTC [0403:20 MYT] Lumpur Radar	Singapore one two three decimal seven.
		2003:23 UTC [0403:23 MYT] SLK 509	One two three decimal seven good day Silk Air Five Zero Nine.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2005:19 UTC [0405:19 MYT] Lumpur Radar	Silk Air Five Zero Nine contact Singapore one two three seven good day.
		2005:26 UTC [0405:26 MYT] Jonathan 5094	Confirm Jonathan Five Zero Nine Four.
		2005:30 UTC [0405:30 MYT] Lumpur Radar	Silk Air, Silk Air Five Zero Niner Singapore one two three seven.
		2006:46 UTC [0406:46 MYT] SIA 67	Lumpur Control Singapore Six Seven good morning passing Victor Kilo Bravo zero niner flight level three seven zero squawk one two one four.
		2006:56 UTC [0406:56 MYT] Lumpur Radar	Singapore Six Seven Lumpur Radar can confirm squawk one two one four.
		2007:01 UTC [0407:01 MYT] SIA 67	Affirm Singapore Six Seven.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2007:04 UTC [0407:04 MYT] Lumpur Radar	Singapore Six Seven identified.
		2007:07 UTC [0407:07 MYT] SIA 67	Singapore Six Seven.
		2009:22 UTC [0409:22 MYT] KAL 385	Lumpur Radar Korea Air Three Eight Five good morning maintain level three five zero.
		2009:31 UTC [0409:31 MYT] Lumpur Radar	Korean Air Three Eight Five identified direct to Nipah for Nipah Three Alpha Arrival Runway Three Two Right, descend when ready to flight level one five zero.
		2009:45 UTC [0409:45 MYT] KAL 385	Korean Air Three Eight Five confirm direct Nipah, Nipah Three Alpha and when ready one five zero, Three Two Right confirm.
		2009:55 UTC [0409:55 MYT] Lumpur Radar	Korean Air Three Eight Five that is affirm.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2009:57 UTC [0409:57 MYT] KAL 385	Thank you.
		2011:20 UTC [0411:20 MYT] KAL 385	Lumpur Radar Korean Air Three Eight five leaving three five zero for one five zero.
		2011:25 UTC [0411:25 MYT] Lumpur Radar	Roger Three Eight Five.
		2012:15 UTC [0412:15 MYT] TAX 5094	Jonathan Five Zero Nine Four maintain flight level three four zero, approaching Victor Kilo Bravo.
		2012:30 UTC [0412:30 MYT] TAX 5094	Jonathan Five Zero Nine Four Victor Kilo Bravo.
		2012:37 UTC [0412:37 MYT] Lumpur Radar	Five Zero Nine Four call Bangkok one two three niner five.
		2012:42 UTC [0412:42 MYT] TAX 5094	One two three niner five Jonathan Five Zero Nine Four.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2015:17 UTC [0415:17 MYT] SIA 447	Lumpur Control selamat pagi Singapore Four Four Seven flight level three nine zero squawk four seven five one estimate Victor Kilo Bravo one six.
		2015:30 UTC [0415:30 MYT] Lumpur Radar	Singapore Four Four Seven identified maintain flight level three nine zero.
		2015:33 UTC [0415:33 MYT] SIA 447	Flight level three nine zero Singapore Four Four Seven.
		2015:40 UTC [0415:40 MYT] Lumpur Radar	Korean Air Three Eight Five contact Approach one two one two five.
		2015:45 UTC [0415:45 MYT] KAL 385	One two one two five Korean Air Three Eight Five good day.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2015:48 UTC [0415:48 MYT] Lumpur Radar	Good day. <i>Noise caused by static from 2016:22 until 2020:48</i>
		2020:40 UTC [0420:40 MYT] Lumpur Radar	Singapore Six Seven Lumpur Control radio check how do you read.
		2023:42 UTC [0423:42 MYT] MAS 381	Lumpur Control Malaysian naa...Three Eight One aah good morning flight level three five zero squawk three one two seven.
		2023:51 UTC [0423:51 MYT] Lumpur Radar	Good morning Three Eight One direct to Pibos for Nipah Three Alpha Arrival Pibos Transition Three Two Left descend level one five zero.
		2023:58 UTC [0423:58 MYT] MAS 381	Direct Pibos eer... Nipah Three Alpha Arrival Three Two Right confirm and ready descend to flight level one five zero.

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
		2024:08 UTC [0424:08 MYT] Lumpur Radar	Affirm Runway Three Two Right.
		2024:10 UTC [0424:10 MYT] MAS 381	Runway Three Two Right Malaysian Three Eight One.
Direct Line Telephone Conversation Between KL ACC and HCM ACC			
2025:22 UTC [0425:22 MYT] KL ACC	Lumpur.		
2025:23 UTC [0425:23 MYT] HCM ACC	Yeah this is Tango Alfa Supervisor in Ho Chi Minh let me talk to your supervisor please.		
2025:28 UTC [0425:28 MYT] KL ACC	, Okay anything anything.		
2025:31 UTC [0425:31 MYT] HCM ACC	I want to talk about Malaysian Three Seven Zero you have any information from company Malaysian Airlines.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2025:37 UTC [0425:37 MYT] KL ACC	Negative, negative they are still checking also that's why I am also checking with you.		
2025:43 UTC [0425:43 MYT] HCM ACC	Negative information about our Malaysian Three Seven Zero from Malaysian Airlines.		
2025:48 UTC [0425:48 MYT] KL ACC	Affirm negative, negative information from the Operation negative negative information.		
2025:54 UTC [0425:54 MYT] HCM ACC	Ah okay I want to confirm the last position we have aa... contact with the aircraft.		
2026:01 UTC [0426:01 MYT] KL ACC	The last position we contact the last position we contact that was about IGARI.		
		2026:04 UTC [0426:04 MYT] MAS 381	<i>Lumpur controller communicating with aircraft</i> (xxx) [illegible] direct NIPAH (xxx) [illegible] one five.

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2026:06 UTC [0426:06 MYT] HCM ACC	IGARI.		
		2026:09 UTC [0426:09 MYT] Lumpur Radar	Roger Three Eight One track direct to Nipah.
2026:10 UTC [0426:10 MYT] HCM ACC	Helo.		
2026:11 UTC [0426:11 MYT] KL ACC	Helo yeah.		
		2026:12 UTC [0426:12 MYT] Lumpur Radar	Malysian Three Eight One.
2026:13 UTC [0426:13 MYT] HCM ACC	The the the Malaysian Three Seven Zero aah still in contact with you at IGARI.		

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
2026:19 UTC [0426:19 MYT] KL ACC	Aah... Time ah... Still flying aah fly over over airspace ... hold on aah hold on aah I still still aah the log book aah negative contact aah emm IGARI one seven two two aaa Ho Chi Minh has lost radar contact to aah one eight one zero hold on aah hold on the last the last position contact was aircraft was flying. <i>[Note: controller is reading the log book]</i> Aah I am not sure what what the last the last contact what was the time but the aircraft was I mean estimate IGARI estimate IGARI one seven two two if is there a possibility the aircraft calling you.		
2027:07 UTC [0427:07 MYT] HCM ACC	Neg negative negative.		
2027:17 UTC [0427:10 MYT] KL ACC	So what aah... you you observe on radar you observe on radar, what time was it last observed on radar.		
2027:17 UTC [0427:17 MYT] HCM ACC	Aah... After IGARI aah... The position BITOD at BITOD after disappear.		
2027:25 UTC [0427:25 MYT] KL ACC	Ooh ... you you you for how how long you you		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
		2027:27 UTC [0427:27 MYT] MAS 381	Three Eight One leaving for one five confirm.
2027:29 UTC [0427:29 MYT] KL ACC	Hold hold on aah...		
		2027:31 UTC [0427:31 MYT] Lumpur Radar	Three Eight One roger.
2027:32 UTC [0427:32 MYT] KL ACC	So you observe aah at position BITOD, so for how long you observe the aircraft at what level.		
2027:42 UTC [0427:42 MYT] HCM ACC	Standby.		
2027:42 UTC [0427:42 MYT] KL ACC	You have any idea on it.		
2027:50 UTC [0427:50 MYT] HCM ACC	Helo.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2027:50 UTC [0427:50 MYT] KL ACC	Yes.		
2027:52 UTC [0427:52 MYT] HCM ACC	Aah... You said you asked about the flight level		
2027:55 UTC [0427:55 MYT] KL ACC	Ah yes, when you you observe on the radar what what level of the aircraft.		
2028:00 UTC [0428:00 MYT] HCM ACC	Three Five Zero.		
2028:01 UTC [0428:01 MYT] KL ACC	Three five zero so after that once you observe the thing and then no contact at all after that.		
2028:08 UTC [0428:08 MYT] HCM ACC	Yeah, no at IGARI we don't have the contact I just seen on the radar three five zero.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2028:14 UTC [0428:14 MYT] KL ACC	Ooh Three five zero.		
2028:15 UTC [0428:15 MYT] HCM ACC	And after BITOD so we... disappear the aircraft.		
2028:19 UTC [0428:19 MYT] KL ACC	The aircraft disappear from the screen so you you you try to contact through relay by another aircraft.		
2028:26 UTC [0428:26 MYT] HCM ACC	Yeah.... yeah sure all frequencies we have and and all aircraft but no reponse.		
2028:31 UTC [0428:31 MYT] KL ACC	No response even on emergency frequency no response also.		
2028:34 UTC [0428:34 MYT] HCM ACC	Yea that's all.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2028:36 UTC [0428:36 MYT] KL ACC	Yeah because Lumpur have no response so no contact even operation MAS operation aah... has no contact.		
2028:42 UTC [0428:42 MYT] HCM ACC	Yeah until now.		
2028:44 UTC [0428:44 MYT] KL ACC	Until now yes until now so.		
2028:46 UTC [0428:46 MYT] HCM ACC	Operation from Malaysia Malaysian Airlines.		
2028:48 UTC [0428:48 MYT] KL ACC	Yes operation from Malaysian Airlines there is no contact with the aircraft so they try they try anything I call you and so if you have anything also you inform me okay.		
2028:58 UTC [0428:58 MYT] HCM ACC	Yea...that is right.		

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
2029:00 UTC [0429:00 MYT] KL ACC	Okay okay take immediate action take action then okay thank you.		
	End of Direct Line Telephone Conversation Between KL ACC and HCM ACC		
		2030:40 UTC [0430:40 MYT] SIA 67	Singapore Six Seven request descend.
		2030:44 UTC [0430:44 MYT] Lumpur Radar	Aah... Singapore Six Seven contact now one two three decimal seven.
		2030:48 UTC [0430:48 MYT] SIA 67	Confirm is one two three decimal seven.
		2030:52 UTC [0430:52 MYT] Lumpur Radar	That is affirm one two three decimal seven.
		2030:55 UTC [0430:55 MYT] SIA 67	Jumpa lagi Singapore Six Seven.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2030:57 UTC [0430:57 MYT] Lumpur Radar	See you.
		2035:12 UTC [0435:12 MYT] MAS 386	Malaysian Three Eight One approaching one five zero.
		2035:17 UTC [0435:17 MYT] Lumpur Radar	Three Eight One contact Approach on one two one decimal two five.
		2035:20 UTC [0435:20 MYT] MAS 386	One two one two five Malaysian aaa... Three Eight Six good morning.
		2035:24 UTC [0435:24 MYT] Lumpur Radar	Morning.
		2035:28 UTC [0435:28 MYT] AXM 1019	Lumpur Control good evening Express One Zero One Niner eer... Descend to flight level three six zero squawk three one three zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2035:37 UTC [0435:37 MYT] Lumpur Radar	One Zero One Nine Control identified track direct to Pibos for Nipah Three Alpha Arrival Pibos Alpha Transition Runway Three Two Right descend to flight level one five zero.
		2035:48 UTC [0435:48 MYT] AXM 1019	Aaa when ready descend to flight level one five zero Pibos aa... Runway Three Two Right for Nipah Three Alpha Arrival, Express One Zero One Niner when available request track direct Pibos.
		2036:00 UTC [0436:00 MYT] Lumpur Radar	Roger will advise.
		2036:23 UTC [0436:23 MYT] Lumpur Radar	Singapore Four Four Seven contact Singapore now one two three decimal seven.
		2036:28 UTC [0436:28 MYT] SIA 447	Three seven Singapore Four Four Seven selamat pagi.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2036:32 UTC [0436:32 MYT] Lumpur Radar	Pagi.
		2039:45 UTC [0439:45 MYT] GSB 304	Lumpur Radar good morning Gading Three Zero Four on the climb to level one eight zero passing one one seven squawking two one three five direct Victor Papa Kilo.
		2039:54 UTC [0439:54 MYT] Lumpur Radar	Morning Gading Three Zero Four direct Victor Papa Kilo climb two niner zero.
		2040:00 UTC [0440:00 MYT] GSB 304	Direct Victor Papa Kilo climb two niner zero Gading Three Zero Four.
		2041:22 UTC [0441:22 MYT] AXM 1019	Aah Express One Zero One Niner standing by direct Nipah.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2041:29 UTC [0441:29 MYT] Lumpur Radar	Zero One Niner track direct to Pibos initially, I got traffic tracking direct to Victor Papa Kilo advise when clear.
		2041:37 UTC [0441:37 MYT] AXM 1019	Roger standing by.
		2042:09 UTC [0442:09 MYT] Lumpur Radar	One Zero One Nine fly heading two four zero initially.
		2042:14 UTC [0442:14 MYT] AXM 1019	Heading two four zero Express One Zero One Nine.
		2046:13 UTC [0446:13 MYT] Lumpur Radar	One Zero One Nine track direct to Nipah.
		2046:16 UTC [0446:16 MYT] AXM 1019	Track direct Nipah One Zero One Nine.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2049:28 UTC [0449:28 MYT] Lumpur Radar	Express One Zero One Nine contact Approach one two one two five.
		2049:32 UTC [0449:32 MYT] AXM 1019	One two one two five good day Express One Zero One Nine.
		2049:35 UTC [0449:35 MYT] Lumpur Radar	Day.
		2054:37 UTC [0454:37 MYT] GSB 304	Gading Three Zero Four request climb to flight level three three zero.
		2054:43 UTC [0454:43 MYT] Lumpur Radar	Three Zero Four contact Singapore now on one two three decimal seven.
		2054:47 UTC [0454:47 MYT] GSB 304	Singapore one two three decimal seven Gading Sari Three Zero Four.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2054:50 UTC [0454:50 MYT] Lumpur Radar	Good day.
		2104:32 UTC [0504:32 MYT] GSB 306	Lumpur Control selamat pagi Gading Sari Three Zero Six passing one zero thousand.
		2104:37 UTC [0504:37 MYT] Lumpur Radar	Morning Gading Sari Three Zero Six climb level two seven zero direct Victor Papa Kilo.
		2104:41 UTC [0504:41 MYT] GSB 306	Seven zero direct Papa Kilo Gading Sari Three Zero Six terima kasih.
		2105:27 UTC [0505:27 MYT] Lumpur Radar	Gading Three Zero Six climb flight level two niner zero.
		2105:32 UTC [0505:32 MYT] GSB 306	Continue climb two nine zero Gading Sari Three Zero Six.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2108:19 UTC [0508:19 MYT] SIA 345	Lumpur Singapore Three Four Five ah selamat pagi maintaining flight level three niner zero.
		2108:26 UTC [0508:26 MYT] Lumpur Radar	Singapore Three Four Five maintain flight level three niner zero.
		2108:29 UTC [0508:29 MYT] THAI 462	Thai Four Six Two flight level three eight zero.
		2108:36 UTC [0508:36 MYT] Lumpur Radar	Thai Four Six Two flight level three eight zero report TIDAR.
		2108:39 UTC [0508:39 MYT] THAI 462	Maintain three eight zero report TIDAR Thai Four Six Two.
		2113:36 UTC [0513:36 MYT] Lumpur Radar	The Thai Four Six Two contact Bangkok now one two three niner five.

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
		2113:43 UTC [0513:43 MYT] THAI 462	Bangkok one two three nine five good day Thai Four Six Two.
		2113:47 UTC [0513:47 MYT] Lumpur Radar	Good day.
		2113:51 UTC [0513:51 MYT] Lumpur Radar	Gading Sari Three Zero Five contact Singapore now one two three decimal seven.
		2113:56 UTC [0513:56 MYT] GSB 305	Singapore one two three seven (xxxx) [illegible] sir.
		2113:58 UTC [0513:58 MYT] Lumpur Radar	Aah.
Direct Line Telephone Conversation Between KL ACC and HCM ACC			
2118:32 UTC [0518:32 MYT] KL ACC	Lumpur.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2118:34 UTC [0518:34 MYT] HCM ACC	Yeah, Lumpur any news information for Malaysian Three Seven Zero from Malaysian Airlines.		
2118:40 UTC [0518:40 MYT] KL ACC	No nothing nothing no news no news.		
2118:42 UTC [0518:42 MYT] HCM ACC	Aah nothing right.		
2118:44 UTC [0518:44 MYT] KL ACC	So how about your side is there any news from Hong Kong or Beijing any news.		
2118:48 UTC [0518:48 MYT] HCM ACC	I am waiting for them but aaa No reply right now.		
2118:52 UTC [0518:52 MYT] KL ACC	No reply naa...		
2118:53 UTC [0518:53 MYT] HCM ACC	Yeah no reply yeah.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2118:54 UTC [0518:54 MYT] KL ACC	I see I see so...		
2118:55 UTC [0518:55 MYT] HCM ACC	I am waiting for them and waiting for you too.		
2118:57 UTC [0518:57 MYT] KL ACC	No I am waiting from your side also aa ah.		
2118:59 UTC [0518:59 MYT] HCM ACC	Ah ha yeah.		
2119:00 UTC [0519:00 MYT] KL ACC	Okay who ever got the news all this thing please be informed aah.		
2119:03 UTC [0519:03 MYT] HCM ACC	Yeah.		

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
2119:04 UTC [0519:04 MYT] KL ACC	Okay okay sorry okay right.		
	End of Direct Line Telephone Conversation Between KL ACC and HCM ACC		
	RINGING AT 2120:08 UTC [0520:08 MYT] ANSWERED BY MAS OPS: 2120:16 UTC [0521:16 MYT]		
	Direct Line Telephone Conversation Between KL ACC and MAS Operation		
2120:16 UTC [0520:16 MYT] MAS Operations	Morning.		
2120:17 UTC [0520:17 MYT] KL ACC	Morning Mas ops aaa centre here any news on Eight Seven Zero.		
2120:20 UTC [0520:20 MYT] MAS Operations	Negative sir ... still ... we are ...haa.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2120:23 UTC [0520:23 MYT] KL ACC	I see.		
2120:23 UTC [0520:23 MYT] MAS Operations	This is aaa... actually I don't know how to explain but we are under aa... mode very stressful mode down here.		
2120:35 UTC [0520:35 MYT] KL ACC	Yeah yeah yeah laa because even Ho Chi Minh.		
2120:38 UTC [0520:38 MYT] MAS Operations	Okay boss.		
2120:39 UTC [0520:39 MYT] KL ACC	Aah.		
2120:39 UTC [0520:39 MYT] MAS Operations	Just hang on my xxxx <i>[name redacted]</i> want to talk to you.		
2120:42 UTC [0520:42 MYT] KL ACC	Okay okay.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2120:44 UTC [0520:44 MYT] MAS Operations	Good morning xxx xxx <i>[name redacted]</i> here who's on the line please.		
2120:46 UTC [0520:46 MYT] KL ACC	Good morning I am xxxx <i>[name redacted]</i> here from Air Traffic Control Centre.		
2120:47 UTC [0520:47 MYT] MAS Operations	xxxx <i>[name redacted]</i> is aah xxxx <i>[name redacted]</i> on duty aa takda.		
2120:51 UTC [0520:51 MYT] KL ACC	Yeah.		
2120:52 UTC [0520:52 MYT] MAS Operations	xxxx xxxx <i>[name redacted]</i>		
2120:54 UTC [0520:54 MYT] KL ACC	xxxxx <i>[name redacted]</i> takda hari ini.		
2120:55 UTC [0520:55 MYT] MAS Operations	Takda aaa I SMS him I think he's still sleeping anyway.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2120:57 UTC [0520:57 MYT] KL ACC	haa.		
2120:58 UTC [0520:58 MYT] MAS Operations	aem... Can you please tell me.		
2121:01 UTC [0521:01 MYT] KL ACC	Aaa...		
2121:02 UTC [0521:02 MYT] MAS Operations	The aaa... (coughing) is the aircraft aaah... had a positive aaah... reply to handover to Ho Chi Minh.		
2121:12 UTC [0521:12 MYT] KL ACC	Aah... I see because I... I ... took over roughly three three something I, I am not sure about it I can't say I....I can't I, I don't want to commit lah.		
2121:22 UTC [0521:22 MYT] MAS Operations	Okay.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2121:22 UTC [0521:22 MYT] KL ACC	aah.		
2121:23 UTC [0521:23 MYT] MAS Operations	fine, fair enough.		
2121:23 UTC [0521:23 MYT] KL ACC	ah but.		
2121:24 UTC [0521:24 MYT] MAS Operations	can you find out		
2121:25 UTC [0521:25 MYT] KL ACC	ah		
2121:25 UTC [0521:25 MYT] MAS Operations	with the previous controller		
2121:26 UTC [0521:26 MYT] KL ACC	ah		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2121:26 UTC [0521:26 MYT] MAS Operations	or your system record,		
2121:28 UTC [0521:28 MYT] KL ACC	aah ha		
2121:29 UTC [0521:29 MYT] MAS Operation	I suggest aaa... whatever we have here.		
2121:32 UTC [0521:32 MYT] KL ACC	hm.		
2121:33 UTC [0521:33 MYT] MAS Operations	Suggest that the aircraft had never leave Lumpur airspace, okay.		
2121:41 UTC [0521:41 MYT] KL ACC	Had never leave Lumpur airspce.		
2121:42 UTC [0521:42 MYT] MAS Operations	Yea he have not left Lumpur airspace because he has failed to call Ho Chi Minh.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2121:48 UTC [0521:48 MYT] KL ACC	Aah,		
2121:49 UTC [0521:49 MYT] MAS Operations	That's what that's what Ho Chi Minh said lah,		
2121:51 UTC [0521:51 MYT] KL ACC	hm hm hm,		
2121:51 UTC [0521:51 MYT] MAS Operations	Is it confirm or not you don't know lah,		
2121:53 UTC [0521:53 MYT] KL ACC	No I don't know but I, I check I check with Ho Chi Minh.		
2121:57 UTC [0521:57 MYT] MAS Operations	aaa.		
2121:58 UTC [0521:58 MYT] KL ACC	Aah I check with Ho Chi Minh he said he he observed on radar.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2122:04 UTC [0522:04 MYT] MAS Operations	aah...		
2122:05 UTC [0522:05 MYT] KL ACC	Somewhere BITOD the aaa... IGARI, BITOD, BITOD side that's mean under under Ho Chi minh airspace.		
2122:10 UTC [0522:10 MYT] MAS Operations	They observed it on radar until BITOD.		
2122:13 UTC [0522:13 MYT] KL ACC	Aaa... somewhere BITOD they said few seconds only there just a blip there then I, I asked him what level was the aircraft.		
2122:19 UTC [0522:19 MYT] MAS Operations	Aaa,		
2122:20 UTC [0522:20 MYT] KL ACC	Then he said level three five zero that that mean true lah, based on aaa because aircraft was flying on three five zero.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2122:26 UTC [0522:26 MYT] MAS Operations	Okay.		
2122:27 UTC [0522:27 MYT] KL ACC	Aah.		
2122:27 UTC [0522:27 MYT] MAS Operations	All the FIR further down the line,		
2122:29 UTC [0522:29 MYT] KL ACC	Aah		
2122:30 UTC [0522:30 MYT] MAS Operations	Has aah fail to pick up aaa... pick it up on radar and communication.		
2122:36 UTC [0522:36 MYT] KL ACC	Ehem.		
2122:37 UTC [0522:37 MYT] MAS Operations	So one when was the last communication Ho Chi Minh.		

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
2122:42 UTC [0522:42 MYT] KL ACC	Ya leh last communicatin I also I can't say because based on radar now... nowadays kan...nowadays last communication whenever you talk with the aircraft we didn't we didn't put in the time the timing normally no timing no timing we ar ar ar no.		
2122:58 UTC [0522:58 MYT] MAS Operations	I suggest		
2122:59 UTC [0522:59 MYT] KL ACC	Aah		
2122:59 UTC [0522:59 MYT] MAS Operations	I suggest,		
2123:01 UTC [0523:01 MYT] KL ACC	Yes yes.		
2123:02 UTC [0523:02 MYT] MAS Operations	You get,		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2123:02 UTC [0523:02 MYT] KL ACC	I, I.		
2123:03 UTC [0523:03 MYT] MAS Operations	Try to trace back the record.		
2123:04 UTC [0523:04 MYT] KL ACC	Aaa I see, I see yeah.		
2123:05 UTC [0523:05 MYT] MAS Operations	Voice record.		
2123:06 UTC [0523:06 MYT] KL ACC	Aah.		
2123:06 UTC [0523:06 MYT] MAS Operations	Aaa what time was that positive hand over.		
2123:09 UTC [0523:09 MYT] KL ACC	Ya.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2123:10 UTC [0523:10 MYT] MAS Operations	To Ho Chi Minh because we need to know where is the aircraft you know.		
2123:13 UTC [0523:13 MYT] KL ACC	Okay okay okay I got it.		
2123:14 UTC [0523:14 MYT] MAS Operations	This this I appreciate you tell me that that the radar blip at BITOD.		
2123:18 UTC [0523:18 MYT] KL ACC	Aaaa... never mind laa I wake up my supervisor and ask him to check again to go to the room and check what what the last contact all this thing lah.		
2123:27 UTC [0523:27 MYT] MAS Operations	Yes.		
2123:27 UTC [0523:27 MYT] KL ACC	I will ask them to check la.		

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
2123:29 UTC [0523:29 MYT] MAS Operations	Okay.		
2123:29 UTC [0523:29 MYT] KL ACC	Okay okay who is on the line?		
2123:30 UTC [0523:30 MYT] MAS Operations	Eer xxx <i>[name redacted]</i> here I'll give you my mobile number		
2123:33 UTC [0523:33 MYT] KL ACC	Aah.. hold on hold on		
2123:34 UTC [0523:34 MYT] MAS Operations	Zero one two.		
2123:34 UTC [0523:34 MYT] KL ACC	Hold on hold on yeah aaa eee hmm.... aaa...xxxxx xxxx <i>[name redacted]</i> aaa okay zero one two.		
2123:46 UTC [0523:46 MYT] MAS Operations	xxx xxx xxx <i>[number redacted]</i>		

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
2123:47 UTC [0523:47 MYT] KL ACC	xxx xxx xxxx <i>[number redacted]</i>		
2123:48 UTC [0523:48 MYT] MAS Operations	xxx xxx xxx xxxx <i>[number redacted]</i>		
2123:50 UTC [0523:50 MYT] KL ACC	xxx xxx xxx xxxx <i>[number redacted]</i> aah		
2123:53 UTC [0523:53 MYT] MAS Operations	Okay xxxxx <i>[name redacted]</i> how do I get you?		
2123:54 UTC [0524:54 MYT] KL ACC	Aah.. okay you keep give my centre centre number.		
2123:57 UTC [0523:57 MYT] MAS Operations	Okay what is the number please.		
2123:59 UTC [0523:59 MYT] KL ACC	Aah...hold on naa		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2124:14 UTC [0524:14 MYT] Source unknown	"Eeh eeh up up" "via Papa Kilo" (<i>background voice</i>)		
2124:18 UTC [0524:18 MYT] KL ACC	xxxxxxxx okay xxxx xxxx xxxx [<i>number redacted</i>]		
2124:24 UTC [0524:24 MYT] MAS Operations	ahm		
2124:25 UTC [0524:25 MYT] KL ACC	xxx xxx aah xxx xxx [<i>number redacted</i>]		
2124:29 UTC [0524:29 MYT] MAS Operations	Sorry xxx xxx xxx [<i>number redacted</i>]		
2124:30 UTC [0524:30 MYT] KL ACC	xxx xxx xxx xxx xxx [<i>number redacted</i>] hold on hold on.		
		2124:33 UTC [0524:33 MYT] JSA 20	Lumpur good morning Jet Airways Two Zero flight level three seven zero squawk zero five one five

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2124:38 UTC [0524:38 MYT] KL ACC	Hold on aah <i>Controller answering aircraft's transmission</i>	2124:39 UTC [0524:39 MYT] Lumpur Radar	Jets Airway Two Zero Control morningg identified maintain level three seven zero.
		2124:43 UTC [0524:43 MYT] JSA 20	Maintain three seven zero Jets Airway Two Zero.
2124:49 UTC [0524:49 MYT] KL ACC	Aaa halo		
2124:50 UTC [0524:50 MYT] MAS Operations	Ya		
2124:51 UTC [0524:51 MYT] KL ACC	Halo xxx xxx xxx xxxx <i>[number redacted]</i>		
2124:53 UTC [0524:53 MYT] MAS Operations	xxx xxx xxx xxx <i>[number redacted]</i>		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2124:54 UTC [0524:54 MYT] KL ACC	xxx xxx xxx xxx <i>[number redacted]</i>		
2124:55 UTC [0524:55 MYT] MAS Operations	xxx xxx xxx xxx <i>[number redacted]</i> aah		
2124:56 UTC [0524:56 MYT] KL ACC	hm hm		
2124:58 UTC [0524:58 MYT] MAS Operations	Okay thank you.		
2124:59 UTC [0524:59 MYT] KL ACC	Okay right.		
End of Direct Line Telephone Conversation Between KL ACC and MAS Operations Centre			
		2132:03 UTC [0532:03 MYT] SIA 345	Lumpur SingaporeThree Four Five request descend.

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
		2132:07 UTC [0532:07 MYT] Lumpur Radar	Singapore Three Four Five contact Singapore one two three decimal seven.
		2132:11 UTC [0532:11 MYT] SIA 345	One two three seven good day.
		2132:53 UTC [0532:53 MYT] SIA 517	Eer Lumpur Control good morning Singapore Five One seven flight level three niner zero.
		2133:00 UTC [0533:00 MYT] Lumpur Radar	Morning Singapore Five One Seven Control identified maintain level three nine zero.
		2133:04 UTC [0533:04 MYT] SIA 517	Three nine zero Singapore Five one Seven.
Direct Line Telephone Conversation Between KL ACC and HCM ACC			
2141:20 UTC [0541:20 MYT] KL ACC	Lumpur		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2141:21 UTC [0541:21 MYT] HCM ACC	Ho Chi Minh ACC aah any information about Malaysian Three Seven Zero from the company.		
2141:27 UTC [0541:27 MYT] KL ACC	Negative company is checking with me also and negative no no information about it no information about it so we are checking we are playing back back the tape we are we want to track back where the aircraft when was the last contact all this thing we too we play we play the tape and if there is informatin we inform you.		
2141:49 UTC [0541:49 MYT] HCM ACC	Roger.		
2141:50 UTC [0541:50 MYT] KL ACC	Okay okay then if there any from your side or from the Beiing side all this thing you inform Lumpur please.		
2141:56 UTC [0541:56 MYT] HCM ACC	Okay any information will advise you.		

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
2141:59 UTC [0541:59 MYT] KL ACC	Yap, okay okay.		
	End of Direct Line Telephone Conversation Between KL ACC and HCM ACC		
		2147:38 UTC [0547:38 MYT] JSA 20	(xxxx) (xxxx) [illegible] Jets Airway Two Zero.
		2147:48 UTC [0547:48 MYT] JSA 20	Lumpur Jets Airway Two Zero.
		2147:51 UTC [0547:51 MYT] Lumpur Radar	Jets Airway Two Zero contact Singapore one two three seven for descend.
		2147:55 UTC [0547:55 MYT] JSA 20	Singapore one two three seven good day.
		2151:25 UTC [0551:25 MYT] Lumpur Radar	Singapore Five One Seven naa change squawk zero four two six and contact Singapore now one two three decimal seven.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2151:33 UTC [0551:33 MYT] SIA 517	Squawk on zero four two six and one two three seven Singapore Five One Seven good day.
		2151:40 UTC [0551:40 MYT] Lumpur Radar	One Seven good day.
		2152:16 UTC [0552:16 MYT] Thai Piece 920	Lumpur Control Thai Peace Niner Two Zero good morning maintain three eight zero approaching Victor Papa Kilo squawk two three four two.
		2152:27 UTC [0552:27 MYT] Lumpur Radar	(xxx) (xxx) (xxx) (xxx) [illegible] Nine Two Zero control maintain three eight zero.
		2152:32 UTC [0552:32 MYT] Thai Piece 920	Maintain three eight zero Thai Peace Nine Two Zero.
		2152:36 UTC [0552:36 MYT] Lumpur Radar	Thai Peace Nine Two Zero.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2153:13 UTC [0553:13 MYT] AXM 1012	Lumpur Radar Express One Zero One Two good morning climbing level one eight zero direct IGARI.
		2153:21 UTC [0553:21 MYT] Lumpur Radar	Good morning aa Express One Zero One Two Control identified climb to flight level three five zero.
		2153:26 UTC [0553:26 MYT] AXM 1012	Three five zero Asian Express One Zero One Two.
		2153:34 UTC [0553:34 MYT] AXM 1012	Asian Express One Zero One Two request direct to BITOD.
		2153:37 UTC [0553:37 MYT] Lumpur Radar	One Zero One Two track IGARI initially.
		2153:40 UTC [0553:40 MYT] AXM 1012	Asian One Zero One Seven.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
			Direct Line Telephone Conversation Between KL ACC and Singapore ACC
		2207:54 UTC [0607:54 MYT] KL ACC	Lumpur.
		2207:55 UTC [0607:55 MYT] Singapore ACC	Eer Lumpur two estimates first Malaysian Two Five Four Seven.
		2207:59 UTC [0607:59 MYT] KL ACC	Hold on hold on hold on please eer... Malaysian Two Five Four Seven go ahead.
		2208:06 UTC [0608:06 MYT] Singapore ACC	Affirm PADLI two three zero four flight level three four zero squawk two zero six three and next Malaysian Three Six One.
		2208:14 UTC [0608:14 MYT] KL ACC	Eer... (xxx) (xxx) (xxx) [illegible] Malaysian.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2208:17 UTC [0608:17 MYT] Singapore ACC	Three Six One.
		2208:18 UTC [0608:18 MYT] KL ACC	Three Six One go.
		2208:20 UTC [0608:20 MYT] Singapore ACC	TAKSU two three two seven flight level four zero zero squawk zero zero one three.
		2208:25 UTC [0608:25 MYT] KL ACC	Zero zero one three four hundred two three six seven Three Six One and...Malaysian Two Five Four Seven PADLI two zero two three zero four and two zero six three.
		2208:38UTC [0608:38 MYT] Singapore ACC	Affirm Siera Bravo.
		2208:39 UTC [0608:39 MYT] KL ACC	Okay (xxx) (xxx) [illegible] thank you.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2209:42 UTC [0609:42 MYT] XAX 523	Kuala Lumpur Control selamat pagi Xanadu Five two Three three four niner descending three four zero transponder three six five one.
		2209:52 UTC [0609:52 MYT] Lumpur Radar	Xanadu Five Two Three Lumpur Control good morning identified Lumpur for NIPAH Three Alpha Arrival Eastan Runway Three Two Left and descend to flight level aaah one niner zero.
		2210:03 UTC [0610:03 MYT] XAX 523	NIPAH Three Alpha Arrival Eastan Transition and ... Runway Three Two Left confirm you said flight level one nine zero sir, Xanadu Five Two Three.
		2210:12 UTC [0610:12 MYT] Lumpur Radar	Five Two Three affirm descend level one niner zero direct to NIPAH.
		2210:16 UTC [0610:16 MYT] XAX 523	Roger descend flight level one niner zero direct NIPAH Xanadu Five Two Three,

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2210:33 UTC [0610:33 MYT] XAX 523	Xanadu Five Two Three request high speed and aah below ten.
		2210:40 UTC [0610:40 MYT] Lumpur Radar	Five Two Three to be advised by Approach.
		2210:43 UTC [0610:43 MYT] XAX 523	Thank you Five Two Three.
		2212:41 UTC [0612:41 MYT] AXM 1034	Lumpur Radar Asian Express One Zero Three Four selamat pagi climbing flight level one eight zero passing eight thousand eight hundred.
		2212:49 UTC [0612:49 MYT] Lumpur Radar	(xxx) (xxx) [illegible] Lumpur Control good morning climb flight level two nine zero.
		2212:53 UTC [0612:53 MYT] AXM 1034	Flight level two nine zero Asian Express One Zero Three Four.

TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370	TIME & SOURCE	AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS
		2212:56 UTC [0612:56 MYT] Lumpur Radar	Zero Four and level requesting.
		2212:59 UTC [0612:59 MYT] AXM 1034	Requesting flight level Three Five Zero final Asian Express One zero Three Four.
		2213:03 UTC [0613:03 MYT] Lumpur Radar	Thanks.
		Direct Line Telephone Conversation Between KL ACC and HCM ACC	
		2213:36 UTC [0613:36 MYT] HCM ACC	Helo.
		2213:37 UTC [0613:37 MYT] KL ACC	Ho Chi Minh estimate on Asian Express One Zero Three Four
			<i>Conversation interrupted by aircraft radio transmission</i>
		2213:41 UTC [0613:41 MYT] HCM ACC	Standby, One Zero Three Four go ahead.

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
		2213:50 UTC [0613:50 MYT] KL ACC	Express One Zero Three Four estimate IGARI two two five.....eight flight level three five zero squawk two one two one.
		2214:03 UTC [0614:03 MYT] HCM ACC	Asian Express One Zero Three Four IGARI aa two two five eight level three five zero approved squawk two one two one.
		2214:11 UTC [0614:11 MYT] KL ACC	Affirm and tranfer level three five zero.
2214:13 UTC [0614:13 MYT] KL ACC	and anyway your aah SAR you activated your SAR room.		
2214:18 UTC [0614:18 MYT] HCM ACC	Yes standby.		
2214:26 UTC [0614:26 MYT] HCM ACC	Yap.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2214:27 UTC [0614:27 MYT] KL ACC	Halo your you're your SAR room is act... active now.		
2214:31 UTC [0614:31 MYT] HCM ACC	Aah ... for Malaysian Three Seven Zero.		
2214:33 UTC [0614:33 MYT] KL ACC	Affirm affirm Malaysian Three Seven Zero is it activate your your SAR your SAR search and rescue is it activated uuh.		
2214:41 UTC [0614:41 MYT] HCM ACC	Estimated.		
2214:42 UTC [0614:42 MYT] KL ACC	Negative is it aah... you aah... you activated your SAR room or not you open up your your..		
2214:49 UTC [0614:49 MYT] HCM ACC	I am not understand you say confirm you have any information about it.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE	CONTENT - MAS 370	TIME & SOURCE	CONTENT - OTHER FLIGHTS
2214:52 UTC [0614:52 MYT] KL ACC	Neg... negative negative we don't have any information so at the moment we activate we activate our SAR Room now.		
2215:00 UTC [0615:00 MYT] HCM ACC	SAR SAR Room.		
2215:01 UTC [0615:01 MYT] KL ACC	SAR Search and Rescue, Search and Rescue.		
2215:05 UTC [0615:05 MYT] HCM ACC	Ah yes you know on search and rescue		
2215:07 UTC [0615:07 MYT] KL ACC	Aaah..		
2215:08 UTC [0615:08 MYT] HCM ACC	Yeah.		

AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - MAS 370		AIR-GROUND COMMUNICATION LUMPUR RADAR - FREQUENCY 132.6 MHz AND RADAR DIRECT LINE COMMUNICATION CONTENT - OTHER FLIGHTS	
TIME & SOURCE		TIME & SOURCE	
2215:09 UTC [0615:09 MYT] KL ACC	Na... naa... your your search and rescue is activate now you activated your search and rescue.		
2215:12 UTC [0615:12 MYT] HCM ACC	Ya that's right, that's right.		
2215:13 UTC [0615:13 MYT] KL ACC	I see okay okay right okay.		
End of Direct Line Telephone Conversation Between KL ACC and HCM ACC			
END AT 2218:00 UTC [0618:00MYT]			