Appendix 1

Messages extracted between 18:39:55 and 18:40:56 above to ease reading

Time	Channel Name	Ocean Region	GES ID (octal)	Channel Unit ID	Channel Type	SU Type	Burst Frequency Offset (Hz) BFO	Burst Timing Offset (microseconds) BTO
7/03/2014 18:39:55.664	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	87	
7/03/2014 18:39:55.673	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:55.837	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:55.862	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	87	
7/03/2014 18:39:55.988	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:55.999	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	87	
7/03/2014 18:39:56.165	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	87	
7/03/2014 18:39:56.173	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.215	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	86	
7/03/2014 18:39:56.344	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.491	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.499	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	87	
7/03/2014 18:39:56.524	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.524	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	86	
7/03/2014 18:39:56.665	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	86	
7/03/2014 18:39:56.673	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.703	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.741	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	86	
7/03/2014 18:39:56.835	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.854	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	90	
7/03/2014 18:39:56.859	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	90	

Time	Channel Name	Ocean Region	GES ID (octal)	Channel Unit ID	Channel Type	SU Type	Burst Frequency Offset (Hz) BFO	Burst Timing Offset (microseconds) BTO
7/03/2014 18:39:56.860	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.982	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:56.999	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	89	
7/03/2014 18:39:57.008	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:57.024	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	89	
7/03/2014 18:39:57.167	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	89	
7/03/2014 18:39:57.199	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:57.247	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	89	
7/03/2014 18:39:57.360	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	89	
7/03/2014 18:39:57.360	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	88	
7/03/2014 18:39:57.360	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:57.499	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	
7/03/2014 18:39:57.508	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:57.548	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Test	88	
7/03/2014 18:39:57.697	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	89	
7/03/2014 18:39:57.702	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Test		
7/03/2014 18:39:57.747	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	
7/03/2014 18:39:57.854	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	
7/03/2014 18:39:57.859	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	89	
7/03/2014 18:39:57.860	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:39:58.013	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	89	
7/03/2014 18:39:58.013	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:39:58.057	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	
7/03/2014 18:39:58.191	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	89	
7/03/2014 18:39:58.198	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:39:58.214	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	

Time	Channel Name	Ocean Region	GES ID (octal)	Channel Unit ID	Channel Type	SU Type	Burst Frequency Offset (Hz) BFO	Burst Timing Offset (microseconds) BTO
7/03/2014 18:39:58.354	IOR-3730-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	
7/03/2014 18:39:58.359	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	
7/03/2014 18:39:58.360	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:39:58.407	IOR-P10500-0-386B	IOR	301	10	P-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:39:58.508	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:39:58.552	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	87	
7/03/2014 18:39:58.702	IOR-373E-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:39:58.748	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	87	
7/03/2014 18:39:58.859	IOR-373E-21000	IOR	305	6	C-Channel RX	0x60 - Telephony Acknowledge	88	
7/03/2014 18:39:59.024	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	87	
7/03/2014 18:39:59.245	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	87	
7/03/2014 18:39:59.359	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	87	
7/03/2014 18:39:59.557	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	87	
7/03/2014 18:39:59.747	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	86	
7/03/2014 18:39:59.861	IOR-373E-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	86	
7/03/2014 18:40:02.335	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Status Report		
7/03/2014 18:40:03.164	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Status Report	90	
7/03/2014 18:40:12.335	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Status Report		
7/03/2014 18:40:13.164	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Status Report	86	
7/03/2014 18:40:22.335	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Status Report		
7/03/2014 18:40:23.164	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Status Report	86	
7/03/2014 18:40:32.335	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Status Report		
7/03/2014 18:40:33.167	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Status Report	87	
7/03/2014 18:40:42.335	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Status Report		
7/03/2014 18:40:43.197	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Status Report	86	
7/03/2014 18:40:52.356	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Status Report		

Time	Channel Name	Ocean Region	GES ID (octal)	Channel Unit ID	Channel Type	SU Type	Burst Frequency Offset (Hz) BFO	Burst Timing Offset (microseconds) BTO
7/03/2014 18:40:53.170	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Status Report	89	
7/03/2014 18:40:54.697	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:40:54.835	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:40:54.982	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:40:55.172	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:40:55.335	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:40:55.407	IOR-P10500-0-386B	IOR	301	10	P-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:40:55.483	IOR-3730-21000	IOR	305	6	C-Channel TX	0x30 - Call Progress - Channel Release		
7/03/2014 18:40:55.499	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	88	
7/03/2014 18:40:55.664	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	90	
7/03/2014 18:40:55.854	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	89	
7/03/2014 18:40:55.999	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	87	
7/03/2014 18:40:56.164	IOR-3730-21000	IOR	305	6	C-Channel RX	0x30 - Call Progress - Channel Release	89	

Appendix 2

Messages extracted between 23:14:01 and 23:15:03 above to ease reading

Time	Channel Name	Ocean Region	GES ID (octal)	Channel Unit ID	Channel Type	SU Type	Burst Frequency Offset (Hz) BFO	Burst Timing Offset (microseconds) BTO