



## **National Transportation Safety Board**

**Office of Marine Safety  
Washington, D.C. 20594-2000**

December 13, 2016

**ATTACHMENT 16 to the METEOROLOGY GROUP FACTUAL REPORT  
DCA16MM001**

Transmission times for National Weather Service products from Eik (Norway) land earth station to Inmarsat for broadcast by AOR-W between 2000 EDT on September 27, 2015, and 1000 EDT on October 1, 2015. Times in the transmission log are UTC.

*Submitted by: Mike Richards  
NTSB, AS-30*

<b>d_communication</b>	<b>i_les_id</b>	<b>i_ocean</b>	<b>i_hex_les_id</b>	<b>i_mrn</b>	<b>n_customer</b>	<b>i_dest_prefix</b>	<b>i_dest_comm_id</b>	<b>a_sat_duration</b>	<b>i_unit</b>
2015/09/28 02:38:30	EIK	AORW	004	620329	NOAA/NWS/DIAL-IN	31	MET WARNING	47.0938	KB/4
2015/09/28 02:38:51	EIK	AORW	004	620341	NOAA/NWS/DIAL-IN	31	MET WARNING	74.3438	KB/4
2015/09/28 02:44:31	EIK	AORW	004	620329	NOAA/NWS/DIAL-IN	31	MET WARNING	47.0938	KB/4
2015/09/28 02:44:46	EIK	AORW	004	620341	NOAA/NWS/DIAL-IN	31	MET WARNING	74.3438	KB/4
2015/09/28 04:15:54	EIK	AORW	004	626083	NOAA/NWS/DIAL-IN	31	MET WARNING	203.8125	KB/4
2015/09/28 05:01:13	EIK	AORW	004	628526	NOAA/NWS/DIAL-IN	31	MET WARNING	42.0625	KB/4
2015/09/28 05:31:19	EIK	AORW	004	630646	NOAA/NWS/DIAL-IN	31	MET WARNING	337.9375	KB/4
2015/09/28 05:37:14	EIK	AORW	004	630646	NOAA/NWS/DIAL-IN	31	MET WARNING	337.9375	KB/4
2015/09/28 08:48:05	EIK	AORW	004	642559	NOAA/NWS/DIAL-IN	31	MET WARNING	74.9063	KB/4
2015/09/28 08:51:20	EIK	AORW	004	642705	NOAA/NWS/DIAL-IN	31	MET WARNING	53.5625	KB/4
2015/09/28 08:54:08	EIK	AORW	004	642559	NOAA/NWS/DIAL-IN	31	MET WARNING	74.9063	KB/4
2015/09/28 08:57:19	EIK	AORW	004	642705	NOAA/NWS/DIAL-IN	31	MET WARNING	53.5625	KB/4
2015/09/28 10:20:54	EIK	AORW	004	648601	NOAA/NWS/DIAL-IN	31	MET WARNING	203.9063	KB/4
2015/09/28 11:01:15	EIK	AORW	004	650895	NOAA/NWS/DIAL-IN	31	MET WARNING	40.9688	KB/4
2015/09/28 11:31:06	EIK	AORW	004	652949	NOAA/NWS/DIAL-IN	31	MET WARNING	342.0000	KB/4
2015/09/28 11:37:06	EIK	AORW	004	652949	NOAA/NWS/DIAL-IN	31	MET WARNING	342.0000	KB/4
2015/09/28 14:45:42	EIK	AORW	004	665318	NOAA/NWS/DIAL-IN	31	MET WARNING	86.6563	KB/4
2015/09/28 14:50:52	EIK	AORW	004	665563	NOAA/NWS/DIAL-IN	31	MET WARNING	55.3125	KB/4
2015/09/28 14:51:43	EIK	AORW	004	665318	NOAA/NWS/DIAL-IN	31	MET WARNING	86.6563	KB/4
2015/09/28 14:56:50	EIK	AORW	004	665563	NOAA/NWS/DIAL-IN	31	MET WARNING	55.3125	KB/4
2015/09/28 16:16:24	EIK	AORW	004	670910	NOAA/NWS/DIAL-IN	31	MET WARNING	185.7188	KB/4
2015/09/28 17:01:17	EIK	AORW	004	673425	NOAA/NWS/DIAL-IN	31	MET WARNING	36.1250	KB/4
2015/09/28 17:31:30	EIK	AORW	004	675313	NOAA/NWS/DIAL-IN	31	MET WARNING	332.9375	KB/4
2015/09/28 17:37:30	EIK	AORW	004	675313	NOAA/NWS/DIAL-IN	31	MET WARNING	332.9375	KB/4
2015/09/28 20:44:13	EIK	AORW	004	686304	NOAA/NWS/DIAL-IN	31	MET WARNING	56.4063	KB/4
2015/09/28 20:45:11	EIK	AORW	004	686339	NOAA/NWS/DIAL-IN	31	MET WARNING	97.1563	KB/4
2015/09/28 20:50:14	EIK	AORW	004	686304	NOAA/NWS/DIAL-IN	31	MET WARNING	56.4063	KB/4
2015/09/28 20:51:12	EIK	AORW	004	686339	NOAA/NWS/DIAL-IN	31	MET WARNING	97.1563	KB/4
2015/09/28 22:17:39	EIK	AORW	004	692026	NOAA/NWS/DIAL-IN	31	MET WARNING	204.4688	KB/4
2015/09/28 23:01:16	EIK	AORW	004	694382	NOAA/NWS/DIAL-IN	31	MET WARNING	36.7500	KB/4
2015/09/28 23:31:25	EIK	AORW	004	696269	NOAA/NWS/DIAL-IN	31	MET WARNING	303.2813	KB/4
2015/09/28 23:37:24	EIK	AORW	004	696269	NOAA/NWS/DIAL-IN	31	MET WARNING	303.2813	KB/4
2015/09/29 02:36:56	EIK	AORW	004	706427	NOAA/NWS/DIAL-IN	31	MET WARNING	89.0938	KB/4
2015/09/29 02:37:39	EIK	AORW	004	706458	NOAA/NWS/DIAL-IN	31	MET WARNING	58.7188	KB/4
2015/09/29 02:42:59	EIK	AORW	004	706427	NOAA/NWS/DIAL-IN	31	MET WARNING	89.0938	KB/4
2015/09/29 02:43:35	EIK	AORW	004	706458	NOAA/NWS/DIAL-IN	31	MET WARNING	58.7188	KB/4
2015/09/29 04:16:02	EIK	AORW	004	712359	NOAA/NWS/DIAL-IN	31	MET WARNING	217.2813	KB/4
2015/09/29 05:01:14	EIK	AORW	004	714933	NOAA/NWS/DIAL-IN	31	MET WARNING	34.5000	KB/4
2015/09/29 05:31:11	EIK	AORW	004	717044	NOAA/NWS/DIAL-IN	31	MET WARNING	304.5000	KB/4
2015/09/29 05:37:06	EIK	AORW	004	717044	NOAA/NWS/DIAL-IN	31	MET WARNING	304.5000	KB/4
2015/09/29 08:33:09	EIK	AORW	004	728587	NOAA/NWS/DIAL-IN	31	MET WARNING	59.6563	KB/4
2015/09/29 08:37:44	EIK	AORW	004	728820	NOAA/NWS/DIAL-IN	31	MET WARNING	69.8125	KB/4
2015/09/29 08:39:12	EIK	AORW	004	728587	NOAA/NWS/DIAL-IN	31	MET WARNING	59.6563	KB/4
2015/09/29 08:43:43	EIK	AORW	004	728820	NOAA/NWS/DIAL-IN	31	MET WARNING	69.8125	KB/4
2015/09/29 10:15:55	EIK	AORW	004	735441	NOAA/NWS/DIAL-IN	31	MET WARNING	196.9688	KB/4
2015/09/29 11:01:13	EIK	AORW	004	738238	NOAA/NWS/DIAL-IN	31	MET WARNING	35.7813	KB/4
2015/09/29 11:31:19	EIK	AORW	004	740327	NOAA/NWS/DIAL-IN	31	MET WARNING	317.0938	KB/4
2015/09/29 14:33:50	EIK	AORW	004	751581	NOAA/NWS/DIAL-IN	31	MET WARNING	73.0000	KB/4
2015/09/29 14:35:52	EIK	AORW	004	751701	NOAA/NWS/DIAL-IN	31	MET WARNING	62.7500	KB/4
2015/09/29 14:39:43	EIK	AORW	004	751581	NOAA/NWS/DIAL-IN	31	MET WARNING	73.0000	KB/4
2015/09/29 14:41:52	EIK	AORW	004	751701	NOAA/NWS/DIAL-IN	31	MET WARNING	62.7500	KB/4
2015/09/29 16:16:00	EIK	AORW	004	757900	NOAA/NWS/DIAL-IN	31	MET WARNING	215.5625	KB/4

2015/09/29 17:01:14	EIK	AORW	004	760484	NOAA/NWS/DIAL-IN	31	MET WARNING	32.9063	KB/4
2015/09/29 17:31:16	EIK	AORW	004	762385	NOAA/NWS/DIAL-IN	31	MET WARNING	328.3438	KB/4
2015/09/29 20:33:17	EIK	AORW	004	772242	NOAA/NWS/DIAL-IN	31	MET WARNING	71.1563	KB/4
2015/09/29 20:39:14	EIK	AORW	004	772242	NOAA/NWS/DIAL-IN	31	MET WARNING	71.1563	KB/4
2015/09/29 20:52:27	EIK	AORW	004	773185	NOAA/NWS/DIAL-IN	31	MET WARNING	73.0625	KB/4
2015/09/29 20:58:26	EIK	AORW	004	773185	NOAA/NWS/DIAL-IN	31	MET WARNING	73.0625	KB/4
2015/09/29 22:16:17	EIK	AORW	004	778588	NOAA/NWS/DIAL-IN	31	MET WARNING	199.5000	KB/4
2015/09/29 22:22:14	EIK	AORW	004	778588	NOAA/NWS/DIAL-IN	31	MET WARNING	199.5000	KB/4
2015/09/29 23:01:17	EIK	AORW	004	780939	NOAA/NWS/DIAL-IN	31	MET WARNING	34.7813	KB/4
2015/09/29 23:31:19	EIK	AORW	004	782911	NOAA/NWS/DIAL-IN	31	MET WARNING	327.7813	KB/4
2015/09/30 02:36:43	EIK	AORW	004	793184	NOAA/NWS/DIAL-IN	31	MET WARNING	61.1875	KB/4
2015/09/30 02:42:43	EIK	AORW	004	793184	NOAA/NWS/DIAL-IN	31	MET WARNING	61.1875	KB/4
2015/09/30 02:54:16	EIK	AORW	004	794160	NOAA/NWS/DIAL-IN	31	MET WARNING	82.4375	KB/4
2015/09/30 03:00:16	EIK	AORW	004	794160	NOAA/NWS/DIAL-IN	31	MET WARNING	82.4375	KB/4
2015/09/30 04:16:20	EIK	AORW	004	799174	NOAA/NWS/DIAL-IN	31	MET WARNING	183.4688	KB/4
2015/09/30 04:22:19	EIK	AORW	004	799174	NOAA/NWS/DIAL-IN	31	MET WARNING	183.4688	KB/4
2015/09/30 05:02:19	EIK	AORW	004	801697	NOAA/NWS/DIAL-IN	31	MET WARNING	33.8750	KB/4
2015/09/30 05:31:21	EIK	AORW	004	803760	NOAA/NWS/DIAL-IN	31	MET WARNING	337.9688	KB/4
2015/09/30 08:38:25	EIK	AORW	004	815487	NOAA/NWS/DIAL-IN	31	MET WARNING	101.7500	KB/4
2015/09/30 08:41:34	EIK	AORW	004	815729	NOAA/NWS/DIAL-IN	31	MET WARNING	51.8125	KB/4
2015/09/30 08:44:19	EIK	AORW	004	815487	NOAA/NWS/DIAL-IN	31	MET WARNING	101.7500	KB/4
2015/09/30 08:47:33	EIK	AORW	004	815729	NOAA/NWS/DIAL-IN	31	MET WARNING	51.8125	KB/4
2015/09/30 10:18:25	EIK	AORW	004	822116	NOAA/NWS/DIAL-IN	31	MET WARNING	197.5938	KB/4
2015/09/30 10:21:57	EIK	AORW	004	822116	NOAA/NWS/DIAL-IN	31	MET WARNING	197.5938	KB/4
2015/09/30 10:34:52	EIK	AORW	004	823110	NOAA/NWS/DIAL-IN	31	MET WARNING	104.9375	KB/4
2015/09/30 10:40:52	EIK	AORW	004	823110	NOAA/NWS/DIAL-IN	31	MET WARNING	104.9375	KB/4
2015/09/30 11:00:57	EIK	AORW	004	824639	NOAA/NWS/DIAL-IN	31	MET WARNING	41.2813	KB/4
2015/09/30 11:31:01	EIK	AORW	004	826686	NOAA/NWS/DIAL-IN	31	MET WARNING	305.8438	KB/4
2015/09/30 14:33:11	EIK	AORW	004	837916	NOAA/NWS/DIAL-IN	31	MET WARNING	52.8438	KB/4
2015/09/30 14:39:10	EIK	AORW	004	837916	NOAA/NWS/DIAL-IN	31	MET WARNING	52.8438	KB/4
2015/09/30 14:53:30	EIK	AORW	004	839018	NOAA/NWS/DIAL-IN	31	MET WARNING	89.6250	KB/4
2015/09/30 14:59:31	EIK	AORW	004	839018	NOAA/NWS/DIAL-IN	31	MET WARNING	89.6250	KB/4
2015/09/30 16:16:18	EIK	AORW	004	844515	NOAA/NWS/DIAL-IN	31	MET WARNING	231.8125	KB/4
2015/09/30 16:22:16	EIK	AORW	004	844515	NOAA/NWS/DIAL-IN	31	MET WARNING	231.8125	KB/4
2015/09/30 17:01:17	EIK	AORW	004	846965	NOAA/NWS/DIAL-IN	31	MET WARNING	33.9688	KB/4
2015/09/30 17:31:17	EIK	AORW	004	848926	NOAA/NWS/DIAL-IN	31	MET WARNING	308.0000	KB/4
2015/09/30 20:32:51	EIK	AORW	004	859186	NOAA/NWS/DIAL-IN	31	MET WARNING	45.0000	KB/4
2015/09/30 20:38:48	EIK	AORW	004	859186	NOAA/NWS/DIAL-IN	31	MET WARNING	45.0000	KB/4
2015/09/30 20:50:19	EIK	AORW	004	860051	NOAA/NWS/DIAL-IN	31	MET WARNING	115.5625	KB/4
2015/09/30 20:56:20	EIK	AORW	004	860051	NOAA/NWS/DIAL-IN	31	MET WARNING	115.5625	KB/4
2015/09/30 22:16:13	EIK	AORW	004	865343	NOAA/NWS/DIAL-IN	31	MET WARNING	239.7813	KB/4
2015/09/30 22:22:18	EIK	AORW	004	865343	NOAA/NWS/DIAL-IN	31	MET WARNING	239.7813	KB/4
2015/09/30 23:01:15	EIK	AORW	004	867674	NOAA/NWS/DIAL-IN	31	MET WARNING	35.2813	KB/4
2015/09/30 23:31:16	EIK	AORW	004	869568	NOAA/NWS/DIAL-IN	31	MET WARNING	332.5313	KB/4
2015/10/01 02:35:25	EIK	AORW	004	879508	NOAA/NWS/DIAL-IN	31	MET WARNING	43.2188	KB/4
2015/10/01 02:41:25	EIK	AORW	004	879508	NOAA/NWS/DIAL-IN	31	MET WARNING	43.2188	KB/4
2015/10/01 02:49:53	EIK	AORW	004	880176	NOAA/NWS/DIAL-IN	31	MET WARNING	102.6875	KB/4
2015/10/01 02:55:53	EIK	AORW	004	880176	NOAA/NWS/DIAL-IN	31	MET WARNING	102.6875	KB/4
2015/10/01 04:18:36	EIK	AORW	004	885341	NOAA/NWS/DIAL-IN	31	MET WARNING	214.6875	KB/4
2015/10/01 04:24:35	EIK	AORW	004	885341	NOAA/NWS/DIAL-IN	31	MET WARNING	214.6875	KB/4
2015/10/01 05:00:57	EIK	AORW	004	887617	NOAA/NWS/DIAL-IN	31	MET WARNING	35.7500	KB/4
2015/10/01 05:31:04	EIK	AORW	004	889556	NOAA/NWS/DIAL-IN	31	MET WARNING	401.4375	KB/4
2015/10/01 08:33:58	EIK	AORW	004	900310	NOAA/NWS/DIAL-IN	31	MET WARNING	45.0000	KB/4
2015/10/01 08:39:59	EIK	AORW	004	900310	NOAA/NWS/DIAL-IN	31	MET WARNING	45.0000	KB/4
2015/10/01 08:43:35	EIK	AORW	004	900884	NOAA/NWS/DIAL-IN	31	MET WARNING	94.8750	KB/4
2015/10/01 08:49:39	EIK	AORW	004	900884	NOAA/NWS/DIAL-IN	31	MET WARNING	94.8750	KB/4
2015/10/01 10:16:01	EIK	AORW	004	906883	NOAA/NWS/DIAL-IN	31	MET WARNING	214.0313	KB/4

2015/10/01 10:21:59	EIK	AORW	004	906883	NOAA/NWS/DIAL-IN	31	MET WARNING	214.0313	KB/4
2015/10/01 11:01:17	EIK	AORW	004	909440	NOAA/NWS/DIAL-IN	31	MET WARNING	36.1250	KB/4
2015/10/01 11:31:23	EIK	AORW	004	911281	NOAA/NWS/DIAL-IN	31	MET WARNING	363.8438	KB/4