

# End-to-end report of the ASAP data dissemination

Joint WMO/IOC Technical Commission for  
Oceanography – Ship Observation Team

May 2009 - Gérard Rey



**METEO FRANCE**  
Toujours un temps d'avance

# Information available at Météo France

<b>Reception at LFPW</b>	<b>Broadcast by LFPW</b>
Call sign	Call sign
Header	Channel
Channel	Broadcast date
Reception date	Time lapse
Size	Broadcast size
Format	Recipient
Error	
Operator	

# List of call signs available

Country	Call sign	Country	Call sign
Denmark	ASDK01	Japan	JCCX
	ASDK02		JGQH
	OXGN2		JIVB
E-ASAP	ASEU01		JDWX
	ASEU02		JNSR
	ASEU03	Norway	LDWR
	ASEU04	South Africa	ZSAF
	ASEU05	Spain	ASES01
France	ASFR1	United Kingdom	ASGB01
	ASFR2	USA	WTEC
Germany	ASDE01	Iceland	ASIS01
	ASDE02	Australia	3FPI7
	ASDE03		
	ASDE04		
	DBLK		

# Global System Performance – 2007 & 2008

Origin	Nb of messages received	Nb of messages in error	Percentage of messages in error
Offenbach	16818	36	0,21
Exeter	6552	19	0,29
Telex	256	243	not relevant
Email	4465	4465	100
Mariner	40	not relevant	not relevant
X25	3	not relevant	not relevant
Supervis	39	12	30,77
<b>Total</b>	<b>28173</b>	<b>55</b>	<b>0,24</b>

Origin	Nb of messages received	Nb of messages in error	Percentage of messages in error
Offenbach	18686	10	0,05
Exeter	6724	49	0,73
Telex	0	0	not relevant
Email	2793	2793	100
Mariner	0	not relevant	not relevant
X25	1	not relevant	not relevant
Supervis	28	12	42,86
<b>Total</b>	<b>28232</b>	<b>59</b>	<b>0,23</b>

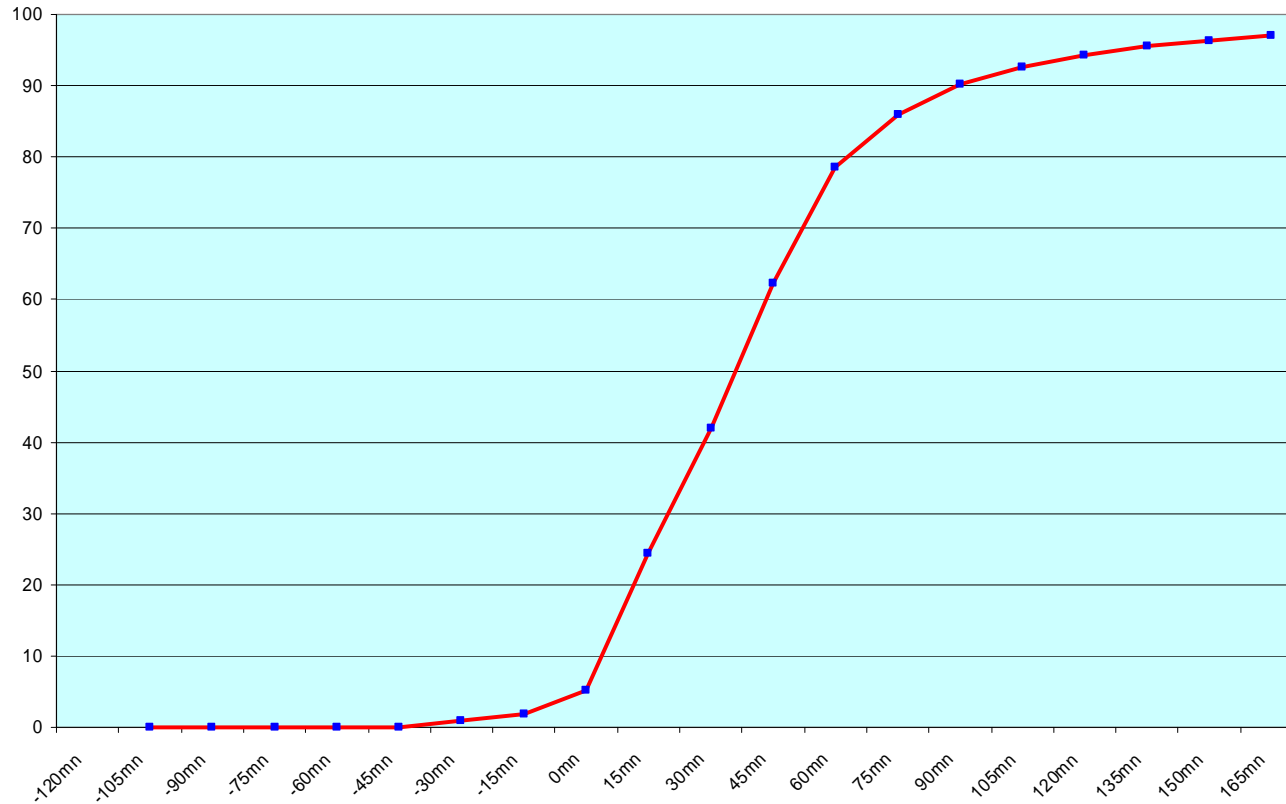


# Global result of the syntactic check for the messages for each call sign

Call Sign	Nb of messages received		Nb of messages in error		Percentage of messages in error	
	2007	2008	2007	2008	2007	2008
ASEU01	1108	797	2	0	0,18	0
ASEU02	804	518	2	0	0,25	0
ASEU03	778	429	0	0	0	0
ASEU04	718	778	8	0	1,11	0
ASEU05	1192	927	0	0	0	0
ASDE01	1149	1055	8	0	0,7	0
ASDE02	841	929	8	4	0,95	0,43
ASDE03	1172	1032	0	0	0	0
ASDE04	1353	1044	0	0	0	0
ASGB01	811	809	0	0	0	0
ASDK01	2009	2381	0	0	0	0
ASDK02	935	1119	0	0	0	0
ASFR1	1073	940	3	10	0,28	1,06
ASFR2	914	1083	4	0	0,44	0
ASES01	537	409	0	0	0	0
ASIS01	91	-	0	-	0	-
DBLK	1455	1461	4	0	0,27	0
OXGN2	644	-	0	-	0	-
LDWR	4142	5538	2	0	0,05	0
JCCX	339	326	0	0	0	0
JGQH	467	251	0	0	0	0
JIVB	349	118	0	0	0	0
JDWX	203	69	0	0	0	0
JNSR	65	1562	0	0	0	0
ZSAF	313	217	0	0	0	0
WTEC	21	34	13	14	61,9	41,18

# Mean time before the integration of the messages in the GTS in Toulouse (2007)

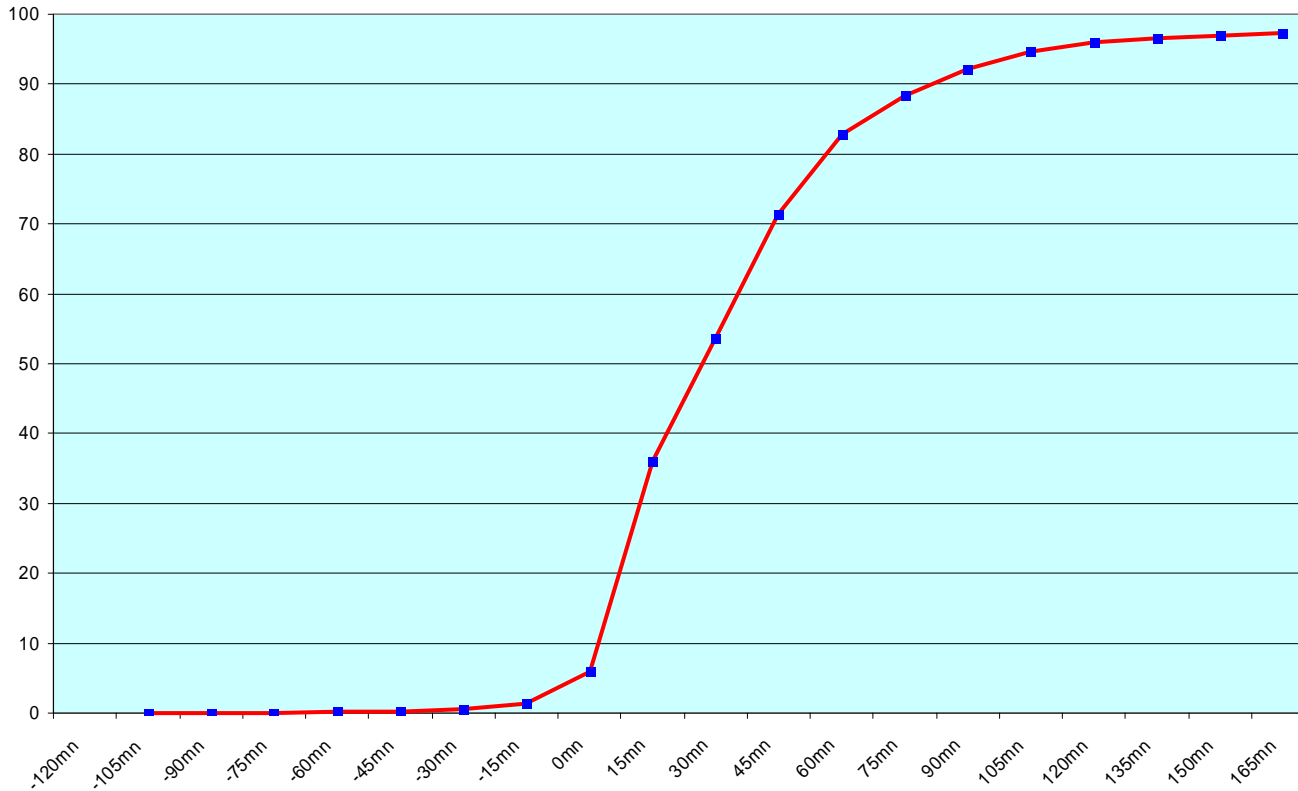
From Offenbach



0mn is the synoptic hour of reference

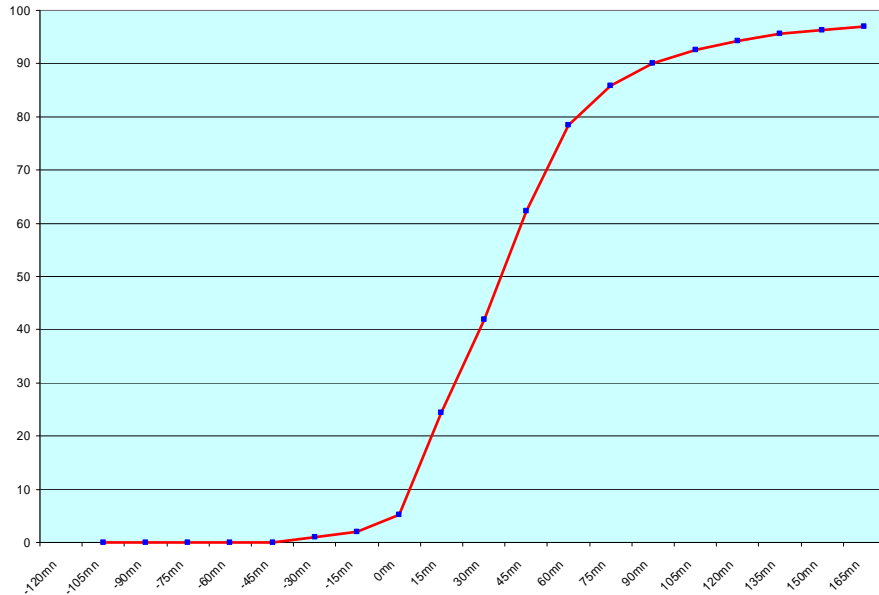
# Mean time before the integration of the messages in the GTS in Toulouse (2008)

From Offenbach



0mn is the synoptic hour of reference

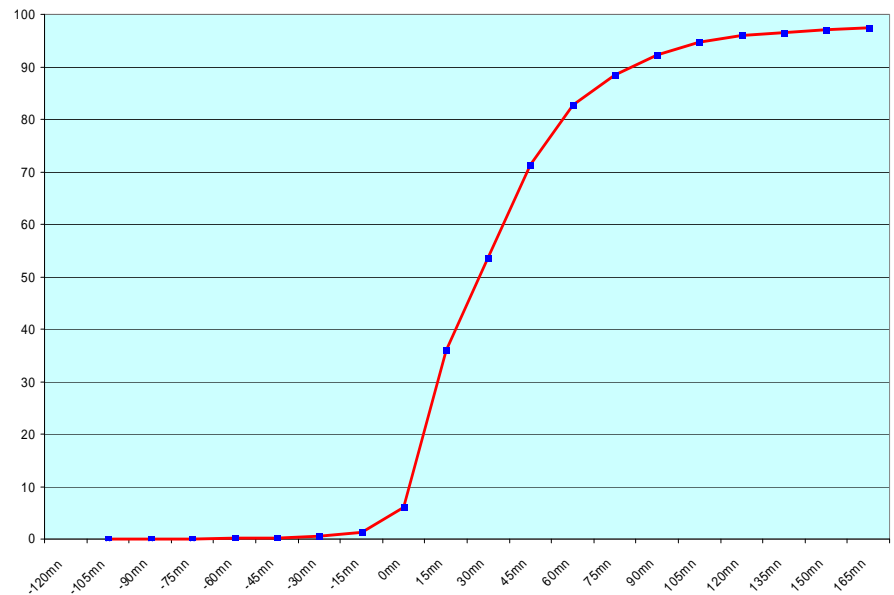
# Mean time before the integration of the messages in the GTS in Toulouse



2007

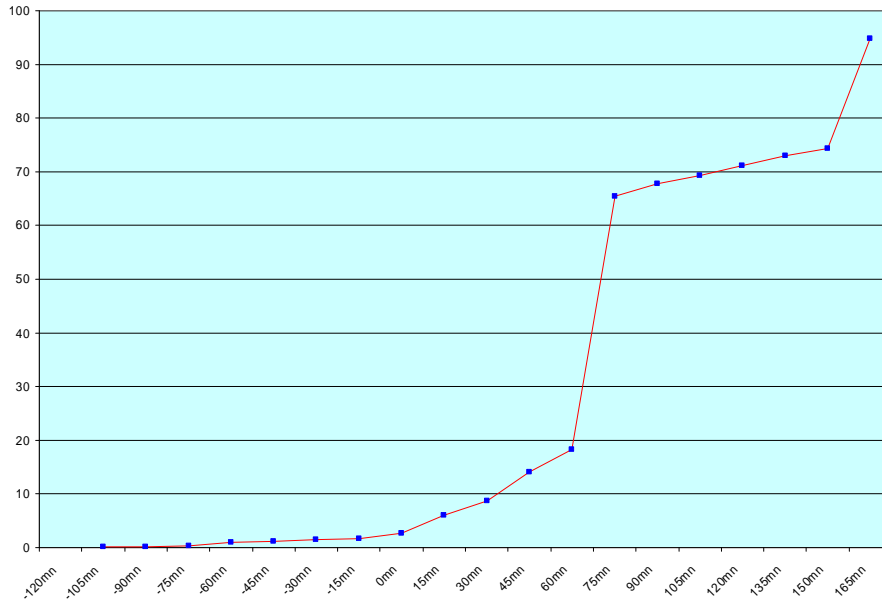
From Offenbach  
(16 818 and 18 686 reports)

2008





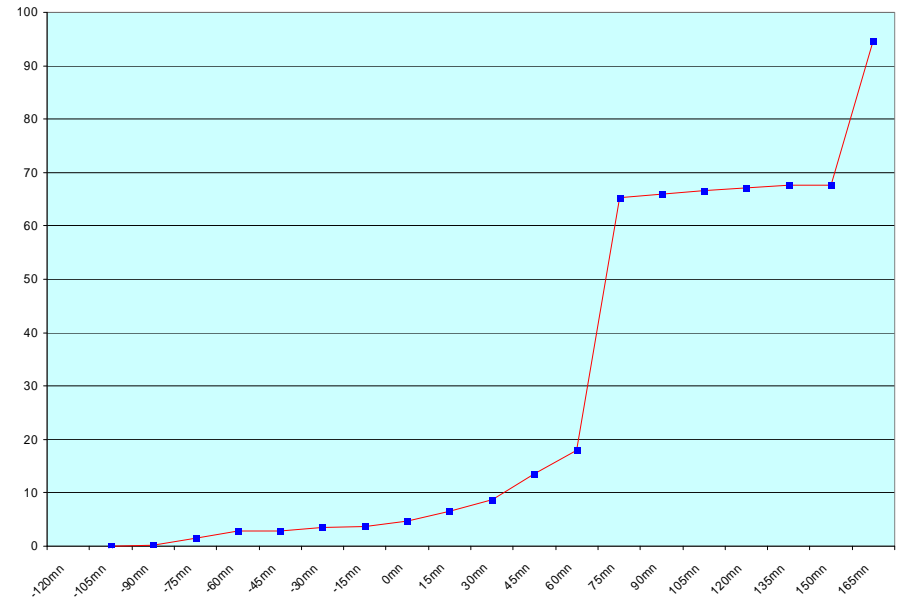
# Mean time before the integration of the messages in the GTS in Toulouse



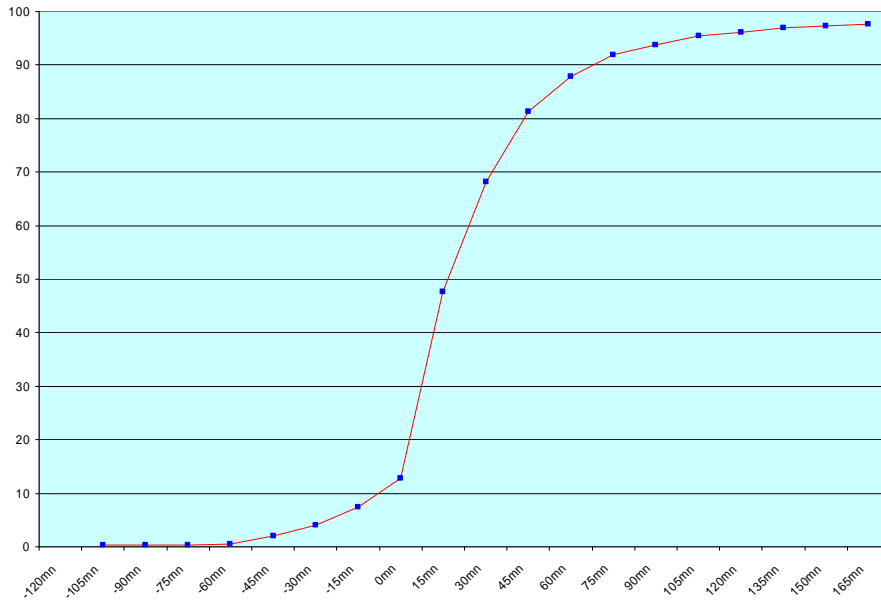
2007

From Exeter  
(6 552 and 6 724 reports)

2008



# Mean time before the integration of the messages in the GTS in Toulouse

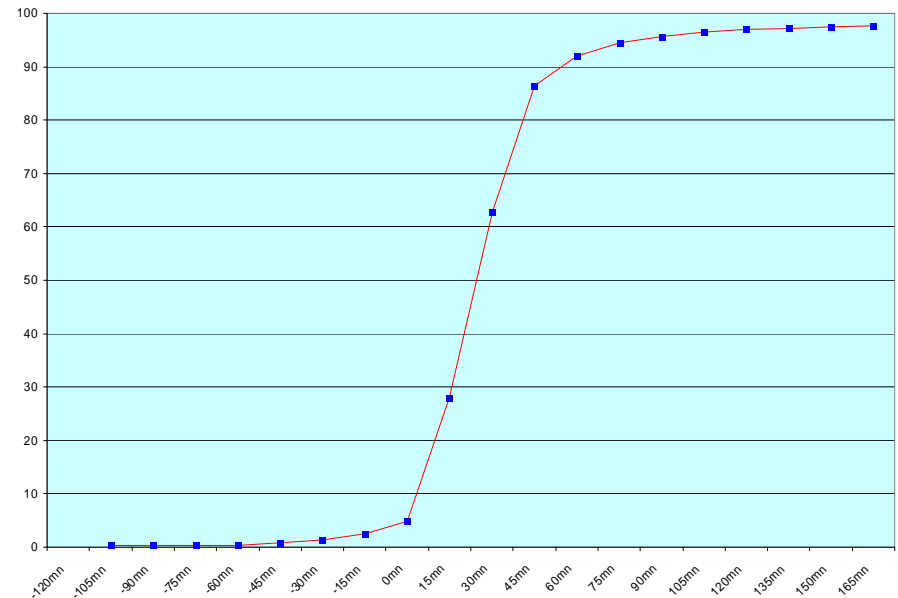


2007

From Mail

(4 465 and 2 793 reports)

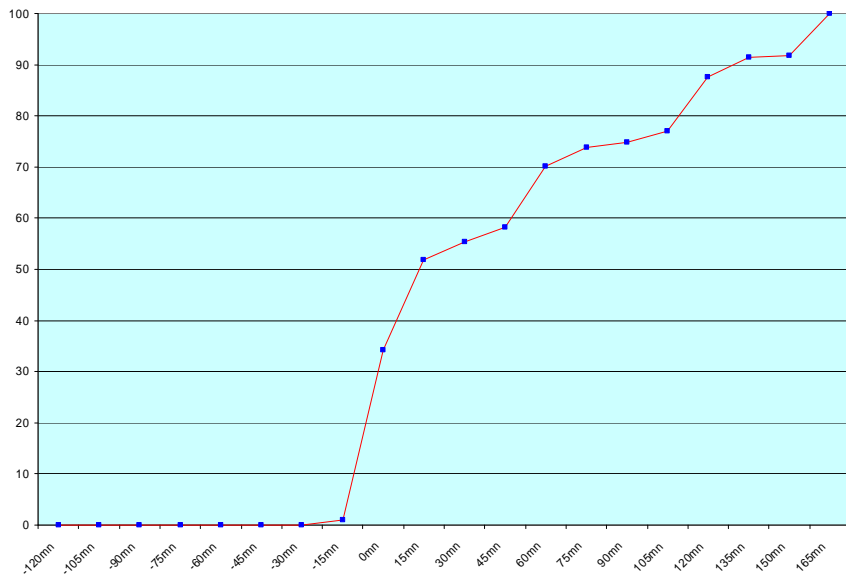
2008



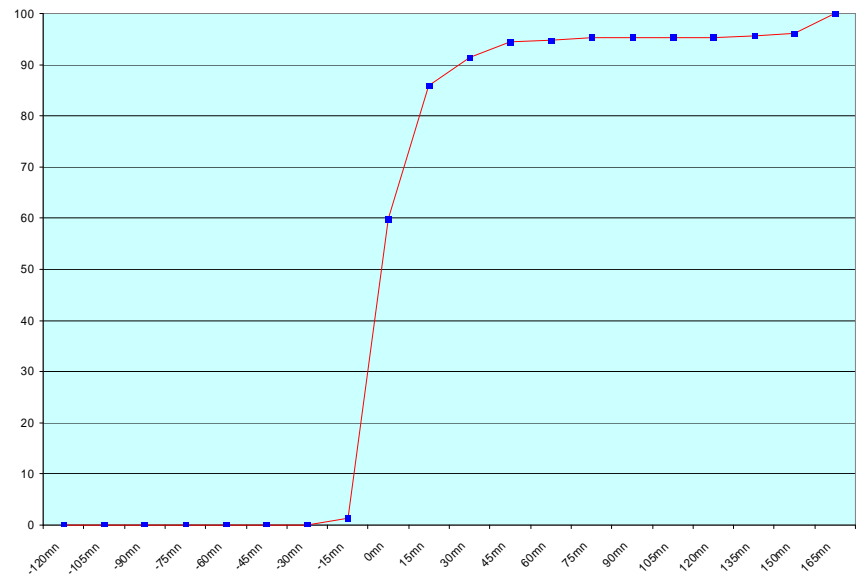
# Examples of improvement (1/4)

ASDE02 (841 and 929 reports)

2007



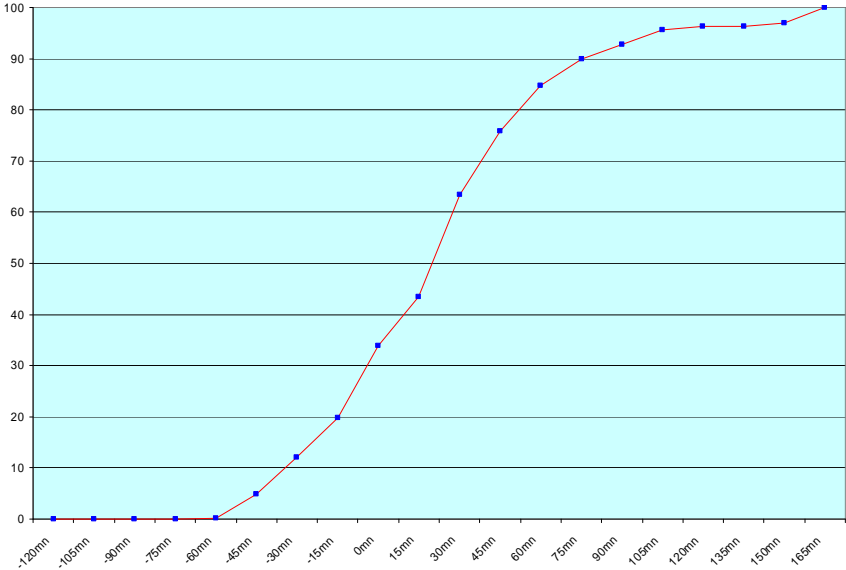
2008



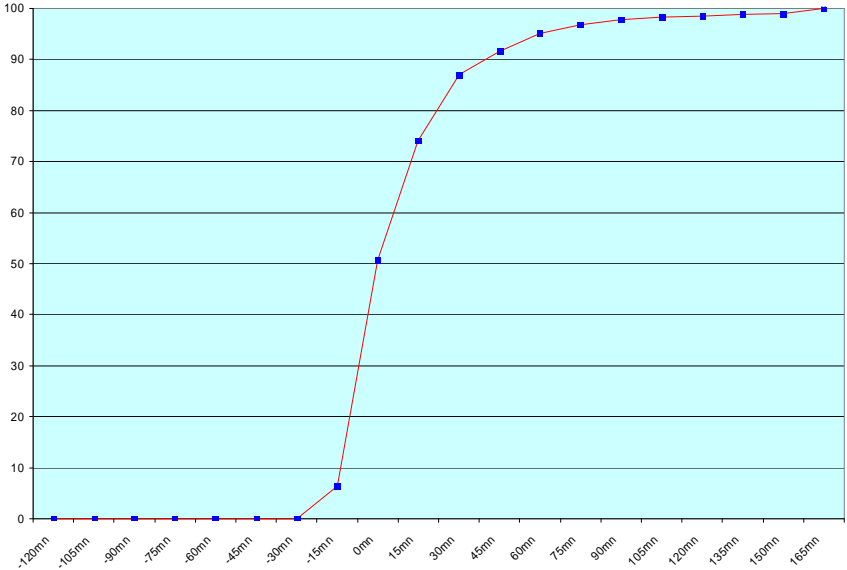
# Examples of improvement (2/4)

ASGB01 (811 and 809 reports)

2007



2008

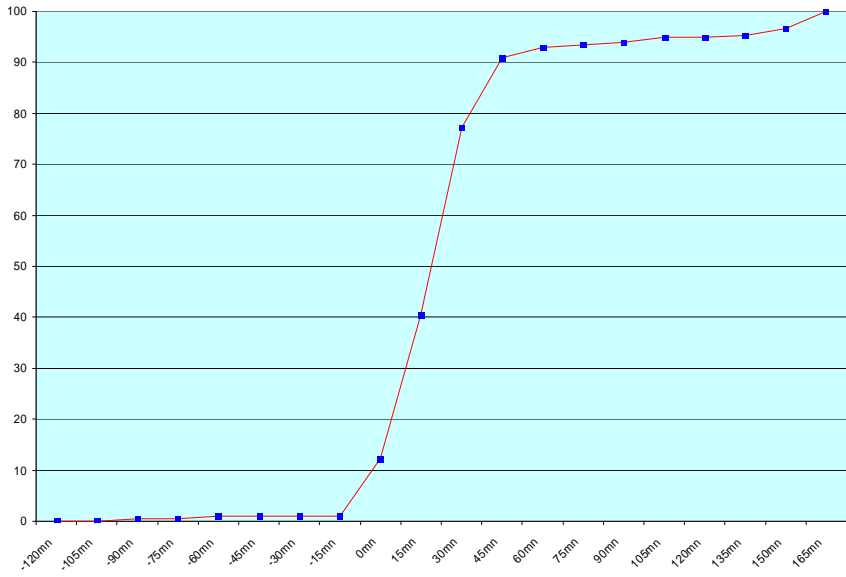
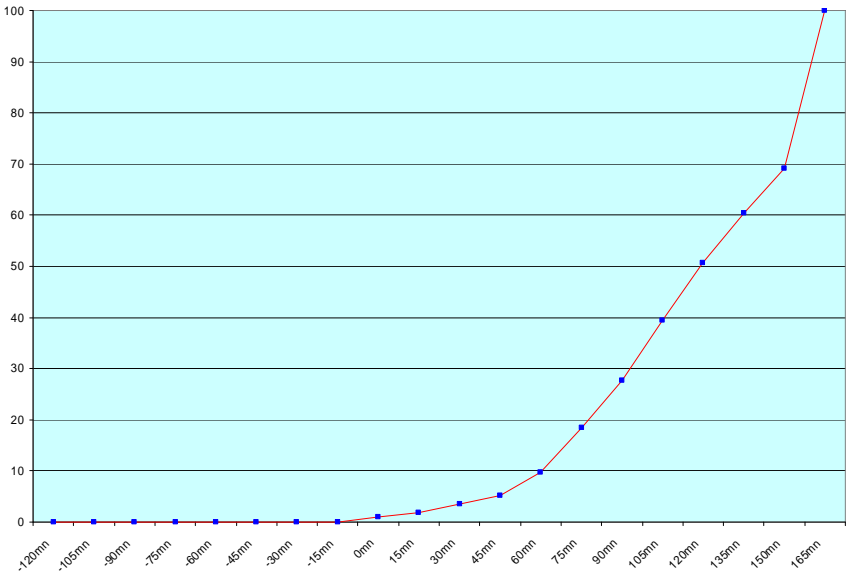


# Examples of improvement (3/4)

ASES01 (537 and 409 reports)

2007

2008

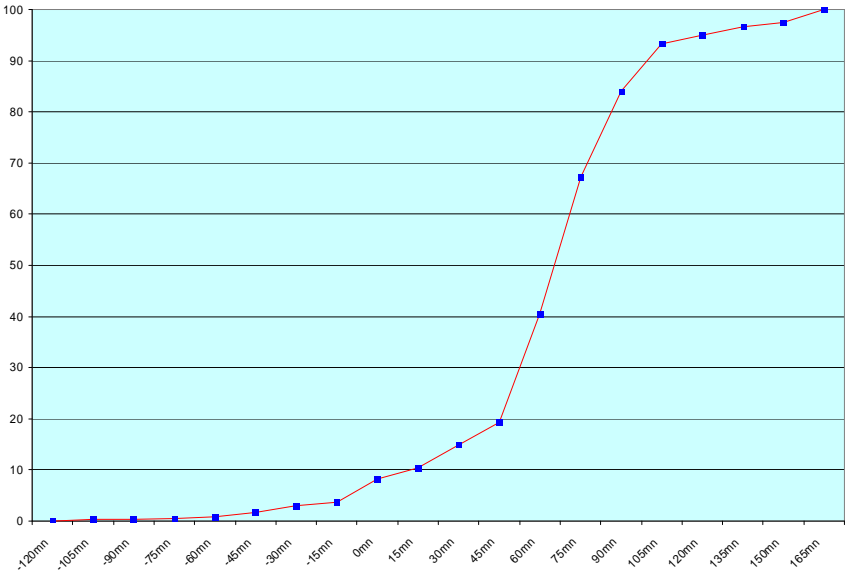
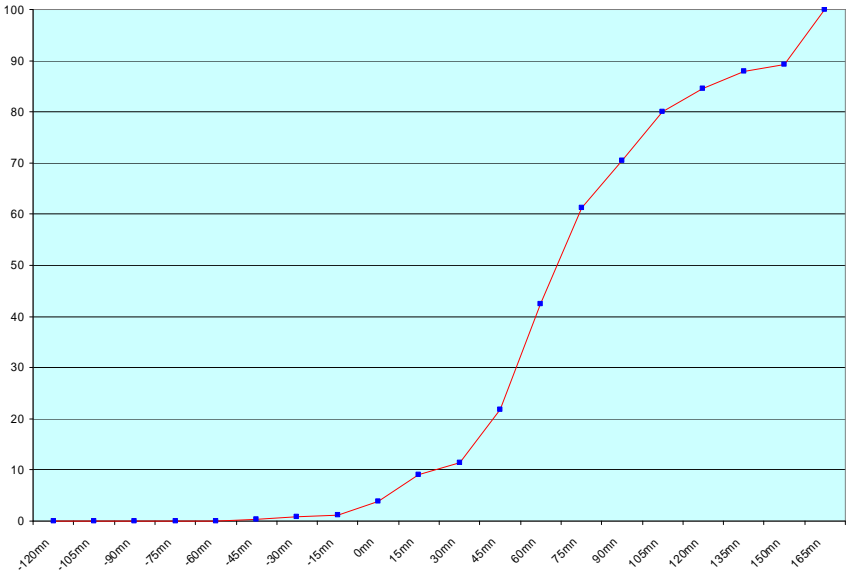


# Examples of improvement (4/4)

DBLK (1 455 and 1 461 reports)

2007

2008



# Conclusions

- During 2008, Météo-France Toulouse received 7.058 upper air message TEMP (28.232 parts) from ships and platforms. This number of messages is similar to 2007's one.
- The reports were received from 26 different call signs; two of them were test call signs.
- The quality of the ASAP reports was generally of a high standard, with only a small percentage of erroneous data.
- A few corrupted call signs can be seen from time to time but with a frequency much lower than in 2007.
- Some ships improved significantly their delay of transmission (visible on the charts above) from 2007 to 2008 : ASDE02, ASGB01, ASES01, DBLK.
- There is no significant degradation.

Thank you for your attention