

# TimeCaster Daily Digest

## CloudEO-SpaceQuest

date: 2017-07-23

	Global	Canadian AOI	Halifax Approach	Polar 30
<b>Accuracy</b>				
Raw AIS Accuracy (nm)	104	100	91	92
TimeCaster Accuracy (nm)	32	30	50	29
Improvement Factor	3.2	3.3	1.8	3.1
Average age of raw AIS messages displayed (hrs)	7	7	5	4
<b>Completeness</b>				
Vessels with raw AIS Messages older than 24h (missing from display)	7,836	2,022	93	531
<b>Detection</b>				
Vessels Previous 48h (tracked by TimeCaster)	52,436	14,118	475	3,794
Vessels with raw AIS Messages 2h-6h old	11,838	2,904	1	512
Vessels with raw AIS Messages 6h-12h old	13,340	4,351	70	635
Vessels with raw AIS Messages 12h-24h old	7,921	2,094	58	332
Foreign Flag Vessels in Region	44,772	11,448	130	3,272
Canadian Flag Vessels in Region	842	832	253	45
<b>Doppelgangers</b>				
Total Number of MMSIs observed (previous day)	45,149	12,198	381	3,298
Total Number of Doppelgangers (previous day)	465	82	2	19
<b>Message Flow</b>				
Total Position Messages (previous day) - AIS	2,111,889			
Total Position Messages (previous day) - TimeCaster	32,880,240			
Latency (min)	97	109	67	98
<b>Intrinsic Data Errors</b>				
Invalid Lat/Lon from AIS	2,410			
Invalid Heading from AIS	1			