

Annex C

(informative)

Sea trial record

C.2.1 Test Details

Company / Applicant VISTAR NIGHT VISION LTD

Equipment Name VISTAR IM 223

Equipment Type / Class NIGHT VISION SYSTEM FOR FIS

Testing Organisation Bureau Veritas (M. ROUSSEVEUR)

Trials Vessel SOARBON EXPRESS (54M)

File Reference

C.1 Equipment Identity

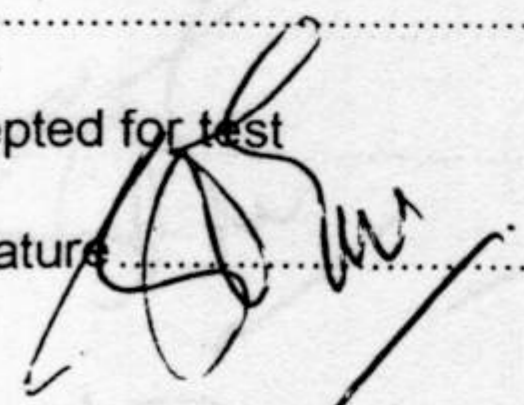
The equipment listed below has been supplied for testing.

C.1.1 Sensor Head	
Type	VISTAR IM 223
Sensor technology	Image Intensifier GEN 2 PLUS
Lens / Optic system	20° FOV Minimum (Active 22°)
C.1.2 Display Unit	
Type	VISTAR IM 223
Size	9" (225mm) Diagonal
Monochrome/Colour	Monochrome + Green Filter
C.1.3 Illuminators	
(Only applicable for Active Image Intensifier Systems)	
Type	VISTAR IM 515
Number used	FOUR
Position on test vessel	AHEAD OF WHEELHOUSE ABOVE PASSENGER ILLUMINATION

Remarks/Comments

FOV TEST TIME 21:45 (with trial of Base 7 meter)

Compass Readings of Risk 159° - 167° - 22°

Accepted for test
Signature 

 Date 16/11/03

L'Expert Principal
du BUREAU VERITAS
CONCARNEAU


R. ROUSSEVEUR

Vistar
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C.3 Detection Range Evaluation (See 8.4.2)

C.3.1 Standard Detection Runs (3 NM MIN)				
Run	Time	Vessel Speed over Ground	Detection Range	Remarks
1	19.53	1.0	43 NM	Slow Speed direct Rock Head
2	19.59	1.0	42 NM	"
3	20.02	2.0	40	"
4	20.18	1.5	35	"
5	20.25	2.0	35	"
6	20.31	1.5	43	"
7	20.38	1.7	56	"
8	20.45	1.5	43	"
9	20.52	2.0	52	"
10	20.59	2.0	47	"

Min SED MINIMUM DETECTION RANGE EXCEEDED TESTS

C.3.2 Second series Detection Runs (If needed)				
Run	Time	Vessel Speed over Ground	Detection Range	Remarks
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

C.4 Optical Interference (See 8.4.3)

C.4.1 Crossing Lit Vessel					
Run	Time	Sensor	Confirm target clearly observed ✓		
			Before crossing	At same bearing	After crossing
1	22.10	Static	OK	OK	OK
2	22.15	Static	OK	OK	OK

Remarks/Comments

Vessel was concerned pilot boat.

Trials complete
 © JANUARY 2005
 Trials engineer Name: *G.A. EWER* *N. DE LACERDA*
 Signature: *[Signature]* Date: *[Date]*
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