REPORT ON SURVEY OF SHIP'S RADIO INSTALLATIONS

International voyage

Place: Turku **Date:** 2 2 1 1 1 6

Particulars of ship

Name of Ship	Call sign	MMSI number
Airisto	O H M R	2 3 0 9 9 3 6 8 0
Port of registry and nationality	**Gross tonnage**	**IMO number**
Helsinki/Finland	2 8 8	7 9 3 5 2 9 2
Passenger ship [ ] Cargo ship [x] Ice breaker [ ] Tug [ ]	Date on which keel was laid	Equipped for GMDSS sea areas:
If other, describe:	1 9 7 2	[x] A1 [x] A2 [ ] A3 [ ] A4
Ship´s Radio Licence issued by:	Valid until:	Inm. B/C No.
F C R A	Or until revoked [ ]	Inm. B/C No.
Shipowner:		Inm. M/77 No.
Meitaito Oy		NBDP No.

Result of Radio Survey:

Code: [1] Yes [2] No [3] Not applicable

1. VHF+VHF DSC

Basic= 1 Duplicated= 2

		1	2
1	VHF radiotelephone	1	1
2	VHF DSC encoder	1	1
3	VHF DSC watch receiver	1	1
4	Power supply installations	1	1
5	Automatic position updating	1	1

2. Additional fixed VHF

Set 1 [1] Set 2 [1]
Set 3 [ ] Set 4 to [ ]

3. GMDSS portable VHF

1	Set No. 1	1
2	Set No. 2	1
3	Set No. 3	3
4	Primary batteries are valid.	1
5	Primary batteries are sealed.	1
6	Markings.	1

4. MF / MF/HF radio installation

Basic= 1 Duplicated= 2

		1	2
1	MF radiotelephone		
2	MF/HF radiotelephone	1	
3	MF DSC encoder		
4	MF/HF DSC encoder	1	
5	MF DSC watch receiver		
6	MF/HF DSC watch receiver	1	
7	MF/HF NBDP telex device	3	
8	Power supply installations	1	
9	Automatic position updating	1	

5. INMARSAT ship earth station

Basic= 1 Duplicated= 2

		1	2
1	Standard C		
2	Standard B		
3	Standard A		
4	Power supply installations		
5	Automatic position updating		

6. Additional ship earth station(s)

Standard: C [ ] B [ ] A [ ]
M [ ]

7. Satellite EPIRB

	Set No.	1	2
1	406 MHz and 121.5 MHz	1	
2	INMARSAT-L 1.6 GHz		
3	Battery is valid	1	
4	Hydrostatic release is valid	1	
5	Markings	1	
6	Correctly coded	1	

8. 9 GHz radar transponder

1 Set 1 [1] Set 2 [ ] Set 3 to [ ]
2 SART batteries are valid [1]
3 Markings [1]

9. NAVTEX receiver

1 Normal operation [1]
2 Printer status [1]

10. Aeronautical VHF

	Set No.	1	2
1	Normal operation		
2	Portable		
3	Fixed		

11. Remote distress panel with alarm

(Passenger ships only) [ ]

12. Navigational RADAR

	Set No.	1	2	3	4	5
1	3 GHz (10 cm)					
2	ARPA 3 GHz					
3	9 GHz (3 cm)	1	1			
4	ARPA 9 GHz	1				

5 ARPA requirements: > 500 GT = 1
> 3000 GT =2

6 Date of last Safety equipment survey:

13. Long range identification system (LRIT) [3]

14. Automatic identification system (AIS) [1]

15. Ship safety alert system (SSAS) [3]

16. Sources of energy:

1 Main source: AC [x] DC [ ]
Voltage: 2 3 0 V

2 Emergency source: AC [ ] DC [ ]
Voltage: V

3 Reserve source:
Radio Battery
Set No.1 Voltage: 2 4 V
Capacity: 2 2 0 Ah
Set No.2 Voltage: V
Capacity: Ah

17. Radio battery charger(s)

Set No.1 2 4 V 3 0 A
Set No.2 V A

18. General provisions

1	Spare parts and tools	1
2	Spare aerial(s) or material	1
3	Required signs and markings	1
4	Reserve light(s) for radios	1
5	Radio traffic documents (ITU)	1
	Radio log correctly kept	1

19. Maintenance requirements:

1	Duplication of equipment	
2	Shore-based maintenance:	1
3	At-sea maintenance capability	
4	Provider	

AT-Marine Oy

20. Radio personnel:

Number of operators and type of certificate

GOC 1
ROC
LRC
SRC

Other type

Remarks:

SART IMO sign to be attached.

Appendix list has been used during survey Yes [ ] No [x]
Renewal of survey must be ordered Yes [ ] No [x]
Corrected deficiencies must be reported to TraFi Yes [ ]

Stamp

Finnish Transport Safety Agency

Signature of Surveyor

Carl-Henrik Laurén

In block letters