



ICAO/IMO JWG ON HARMONIZATION OF
AERONAUTICAL AND MARITIME SAR
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Agenda item 6

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RCC/RSC EQUIPMENT AND FACILITY DESIGNATIONS AND STANDARDS

Equipment to be installed at RMRCCs and MRSCs in Africa

Note by the IMO Secretariat

SUMMARY

<i>Executive summary:</i>	The Joint Working Group is requested to advise the IMO Secretariat on the list of equipment to be installed at RMRCCs and MRSCs in Africa.
<i>Action to be taken:</i>	Paragraph 5.
<i>Related documents:</i>	MSC 77/10/6

1. The Florence Conference (October 2000) adopted a resolution proposing the establishment of sub-regional maritime rescue co-ordination centres (RMRCCs) in Morocco, Liberia, Nigeria, South Africa and Kenya, noting that coastal States concerned would retain coastal SAR services by means of maritime rescue sub-centres (MRSCs).

2. In the mean time the International SAR Fund has been established and under certain conditions financial support could be provided to install the appropriate equipment in the RMRCCs and MRSCs concerned. During MSC 77, an initial financial estimate was presented for the establishment of a RMRCC in Mombasa and MRSCs in the Seychelles and Tanzania. Up to date, the installation of equipment has been executed in conformity with the Annex of document MSC 77/10/6 (attached).

3. The IMO Secretariat is currently in the process of reviewing the Annex of document MSC 77/10/6, with a view to:

- .1 reviewing the list of required equipment for the RMRCCs and MRSCs concerned; and
- .2 find cheaper solutions, especially with regard to the installation of Inmarsat equipment and the 'switchboard' (PABX) for telephone lines and telephone and fax apparatus.

4. The IMO Secretariat has already been advised to install an Inmarsat Thrane & Thrane “Explorer 700” and a “Explorer 500” instead of 2 Inmarsat Fleet 77. Furthermore, it has been advised to install an Inmarsat mini-C instead of an Inmarsat-C with EGC receiver. The IMO Secretariat has been queried why MF and HF DSC has not been included, and whether there is a need to establish a sea area A1 along the whole coast of Africa.

5. The Joint Working Group is requested to advise the IMO Secretariat on the list of equipment to be installed at RMRCCs and MRSCs in Africa, bearing in mind that financial recourses are limited.

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ANNEX

(Annex document MSC 77/10/6)

**FINANCIAL ESTIMATES OF THE ESTABLISHMENT OF RMRCC IN MOMBASA
AND MRSCs IN THE SEYCHELLES AND TANZANIA**

RMRCC IN MOMBASA

		Quantity	Price	Total in \$
1	Construction of a building	1		150.000,--
2	Inmarsat Fleet 77	2 stations	25.000,--	50.000,--
3	Inmarsat-C with EGC receivers	2 stations	7.000,--	14.000,--
4	PABX for 100 telephone lines and telephone and fax apparatus	1	100.000,--	100.000,--
5	Desktop PCs and printers	6 + 3		18.000,--
6	Software including C-MAP electronic charts and OceanView Programme		10.000,--	10.000,--
7	Diesel generator and UPS in container	1	35.000,--	35.000,--
8	Control panel with 3 sites of VHF DSC transceivers and antennae	1	100.000,--	100.000,--
9	Furniture including air-conditioning		30.000,--	30.000,--
10	Installation of Inmarsat stations, VHF equipment, computers and PBX (15 % of their total cost)		44.000,--	44.000,--
				551.000,--

MRSC IN MAHÉ (SEYCHELLES)

		Quantity	Price	Total in \$
1	Construction of a building			
2	Inmarsat Fleet 77	2 stations	25.000,--	50.000,--
3	Inmarsat-C with EGC receiver	1 station	7.000,--	7.000,--
4	Desktop PCs and printers	4 + 2		12.000,--
5	Software including C-MAP electronic charts and OceanView Programme		10.000,--	10.000,--
6	Diesel generator and UPS in container	1	35.000,--	35.000,--
7	Installation of Inmarsat equipment and PCs (15 % of their total cost)		11.000,--	11.000,--
				125.000,--

MRSC IN TANZANIA (DAR ES SALAAM OR ZANZIBAR)

		Quantity	Price	Total in \$
1	Construction of a building			
2	Inmarsat Fleet 77	2 stations	25.000,--	50.000,--
3	Inmarsat-C with EGC receiver	1 station	7.000,--	7.000,--
4	Desktop PCs and printers	4 + 2		12.000,--
5	Software including C-MAP electronic charts and OceanView Programme		10.000,--	10.000,--
6	Diesel generator and UPS in container	1	35.000,--	35.000,--
7	Installation of Inmarsat equipment and PCs (15 % of their total cost)		11.000,--	11.000,--
				125.000,--

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