

Shell Design Awards 1978

Four engineering products and three consumer products have received awards in the 1978 Shell Design Awards competition organized by the Design Institute of the South African Bureau of Standards.

Premier Award in the engineering products category goes to the SC 100 Substrata Communicator manufactured by Grinaker Electronics (Pty) Limited of Pretoria. In the consumer category the Premier Award goes to the Policansky Monitor Fishing Reel manufactured by Gee Marine (Pty) Ltd of Cape Town and designed by Mr Hyman Policansky of Cape Town.

From a concept involving communication through hard rock using low-frequency radio signals originally developed by research teams at the Chamber of Mines, the SC 100 Substrata Communicator was developed for commercial production in co-operation with the Chamber of Mines by Grinaker Electronics (Pty) Limited. The unit is being marketed by Security Communications (Pty) Ltd.

Highly commended awards in the engineering products category go to three other products: The Hyaf Impact Roller manufactured by Hyster Africa (Pty) Ltd designed by Mr J. M. Clifford; the HM 25 and HM 50 Plate Bending/Pressbrake manufactured by HM Machines Tools (Pty) Ltd designed by Mr H. W. Holsteyn; and the Hospital Intercom Control System designed and manufactured by Communication Consultants (Pty) Ltd, consultant industrial designer Mr Basil Smith.

Highly commended Awards in consumer products category go to the "Plexiframe" picture-framing system manufactured by Design Animations (Pty) Ltd designed by Mr Paolo Mariotti, and the "Lumex Snapper" polycarbonate electrical plug manufactured by Lumex (Pty) Ltd designed by Mr Terence Lavery.

Further details about the awards are available from the Manager, Design Institute, Private Bag X191, Pretoria, telephone 44-1121 X 2041/2062.



The SC 100 Substrata Communicator is mainly used for voice communication in mines. This highly sensitive portable unit permits speech through up to half a kilometre of solid rock. As a technological breakthrough by a Chamber of Mines research team, the Communicator is of particular significance in emergency situations, permitting Proto teams to maintain efficient contact under extreme conditions.

Norman Hanson Visiting Fellowship

The Norman Hanson Visiting Fellowship, supported jointly by the National Development Fund for the Building Industry (inaugurated by the Building Industries Federation (S.A.)), the Institute of S.A. Architects, the Association of S.A. Quantity Surveyors, and the National Building Research Institute of the CSIR exists to finance fully or wholly visits by eminent authorities from overseas to South Africa for the purposes of seminars, informed discussions, consultation, and possible active participation in scientific, technological, and development projects of importance to the building industry.

The scheme functions as follows:

- (a) Nominations for fellows may be submitted to the Norman Hanson Bursary Awards Committee, which selects one or more candidates each year.
- (b) The persons selected will be authorities in areas of activity of topical significance to the building industry.
- (c) An invitation is then sent to the selected individuals to visit South Africa for a period during the following year.
- (d) The visits will normally be for not less than one month and not more than five months.
- (e) The visits are normally arranged to coincide with congresses or other appropriate gatherings.
- (f) The fellowship is intended to finance
 - (i) economy-class air travel to and from South Africa;
 - (ii) cost of travel in South Africa to various centres;
 - (iii) a subsistence allowance of R30 a day while the Fellow is in South Africa.
- (g) At the conclusion of each visit, the Fellow meets leaders in the building industry to discuss his impressions during the visit and the various problems the industry faces.
- (h) Requests for nomination forms should be addressed to The Head, University Research Division, P.O. Box 395, Pretoria, 0001. Formal nominations, channelled through and endorsed by one of the four sponsoring organizations or a South African university, should be received on or before 30th March, 1979.