

coastlines from spoilage and from over-fishing.

Canadian pavilion

The exhibit now being designed in Canada will be centred in two hexagonal modules of 250 square metres each, with a 440-square-metre outdoor area of cedar decking that is protected by a louvered sail roof to encourage audience participation in the performing- and the fine-arts phase of the exhibit. Visitors will enter through a sequence of artifacts which suggest that, were it not for the sea, the development of Canada, as one of the world's leading industrial nations, could not have taken place.

In the main hall, visitors will walk round and over a three-dimensional illuminated map of Canada that will stretch from wall-to-wall to show the country's vast continental shelf. Television screens will illustrate fisheries-management, scientific monitoring, resource exploration, and the fight against pollution.

A film written by the award-winning animator, Don Arioli, and the Animation Unit of the National Film Board, will be shown which suggests that the sea has its own laws, and man must respect them.

A program of documentary films, folk

artifacts and full scale examples of recreation and pleasure craft will be exhibited in the pavilion.

An ancillary program, which includes participation in the Expo film festival, fine art exhibitions, visits to the site of modern research and historic ships and substantial input into the over-all Expo '75 program, is being planned.

"Special fair" class

The exhibition, classified by the Bureau of International Expositions, Paris, as a "Special Fair", is expected to attract over five million visitors. Its 250-acre site is being built along a beach, on the China Seas on the sub-tropical Motobu peninsula of Okinawa Island, about 300 miles southwest of mainland Japan.

To date, 28 countries have signified their intention to participate in what will probably be the largest international fair in Asia, since the 1970 Expo in Osaka, Japan.

The Department of External Affairs has been joined in developing Canada's pavilion by the Departments of Industry, Trade and Commerce, Environment Canada, the Ministry of State for Science and Technology, and Information Canada/Expositions. The budget for Canada's participation is \$1.5 million.

New system of colour printing

A low-cost printing system developed by graphic experts employed by Agriculture Canada has cleared the way for more use of colour in scientific publications.

Scientists, who are lauding the advance, say that precise colour reproduction is essential in illustrating some important aspects of agricultural science. Plant disease, for instance, often causes subtle changes in the colour of leaves. Varieties of seed and processed food are graded by colour, and studies with insects, animals and infrared techniques also demand exact colour reproduction.

Three-colour process

The new technique, which has taken more than 20 years to perfect, is based on printing in only three colours at a standard magnification from a high-quality 35-millimeter transparency.

Not much three-colour printing is now done commercially owing to high costs and a need for perfect balance to produce grey tones.

Four-colour printing, which uses black, eliminates some of these problems but is not economical for a small number of copies.

Gord Parker, special projects officer with the Department's information division, initiated the three-colour technique in 1954 and has since guided its development. He says that the process fills a need for quality colour printing at low cost for small quantities of publications.

"A thousand highly accurate prints can be produced for less than \$50," he says. "That's close to the cost for black and white."

Maggie Smith joins Stratford Festival for 1976 season

British actress Maggie Smith will join the Stratford Festival Acting Company for the 1976 season, artistic director Robin Phillips announced recently.

Miss Smith, one of the most highly acclaimed actresses of the decade, has performed with Sir Laurence Olivier in numerous productions for the National Theatre of Great Britain, among them *Othello* in which she played Desdemona, both on stage and in the film of the play. She enjoyed a triumph as Hedda Gabler in the National Theatre production directed by Ingmar Bergman and she holds an Oscar award for best actress for her portrayal of the title character in the film of *The Prime of Jean Brodie*. She won a wide public following in the United States when she appeared with the National Theatre in the *Beaux Stratagem* and she appeared in London's West End in *Pri-*

vate Lives, the Noel Coward comedy which was sold-out for two years. The production has since toured in North America and has now been held over by audience demand for an extended Broadway run.

Recent Toronto visit

It was during the Toronto portion of this tour that Miss Smith was able to visit Stratford for the first time. Her visit coincided with rehearsals of the Festival's Young Company who were preparing *The Two Gentlemen of Verona* and *The Comedy of Errors* for the 1975 Canadian tour. Impressed by the spirit and energy of the Acting Company, Miss Smith expressed an interest in the Festival and in the possibility of becoming associated with it in the future. Subsequent discussions with Mr. Phillips intensified her interest and despite the variety of stage and film

proposals awaiting her approval, the actress was shortly able to confirm her participation in the 1976 Stratford Season.

"We are delighted to be able to announce that Miss Smith is joining the Company next year. She is not only an international star whose presence can't help but add lustre to any theatre season anywhere in the world but, more important, she is an actress of the highest calibre with whom we will be proud to work," Mr. Phillips said.