

REF.	Content
IOR/L/I/1/1214	"Hellschreiber Working Committee minutes (1948)"
<p>Ref. 20A</p> <p>"other mfrs"</p>	<p>Minutes of 3rd meeting of the C.O.I. Hellschreiber Working Committee, 11th February 1948, 5 pages. Summary: participants from Foreign Office (FO), Colonial Office (C.O.), Commonwealth Relations Office (C.R.O.), Central Office of Information (C.O.I.), General Post Office (P.O.); the P.O. was asked to examine 20 Marconi sets before dispatch; discussion of (dis)advantages of ordering incompatible equipment from two sources; examination in the Hellschreiber Room of printers from Marconi and from Coventry Gauge & Tool Co.; Coventry Gauge & Tool Co.'s specification includes no filter circuit, but it is actually built into the unit; 4 inch diam. paper tape roll is considered too small (e.g., for printing a 1.5 hrs LPS transmission); the Committee agrees that Hell reception requires less skilled operator than any other kind of wireless mechanical reception; P.O. had provided its full specification and design to Marconi, but Marconi and Coventry Co. machines looked very similar, and no serious advantage noted either way; Coventry Co.'s paper tape transportation pinch rollers are made of brass, as are Marconi's, but unknown if Coventry Co.'s are soft brass (prone to wear out) - Committee to enquire with Reuters about their experience [with Coventry Co.] rollers; Marconi and Coventry Co. machines similar level of difficulty with replacing motor carbon brushes; both companies' machines have provisions for oiling bearing; both companies' machines have ball bearings with dust shields; Coventry Co.'s machine is slightly more tropicalized than the viewed Marconi model.</p>
<p>Ref. 20B</p> <p>"other mfrs"</p>	<p>Minutes of 4th meeting of the COI Hellschreiber Working Committee, 13th April 1948, 7 pages. Summary: participants from Foreign Office (F.O.), Colonial Office (CO), Commonwealth Relations Office (C.R.O.), General Post Office (G.P.O.); sufficient number of Hell sets is available for 7 European Posts; Marconi has delayed its delivery of 20 sets by 1 month; results from Hell-tests to South America: local interference, over-inking of printed tapes appears to be related to local climate; detailed results from tests with multiple reception sites during March 9-13, 1948; Hell equipment and Marconi CR 100 Mk 2 receivers sent to Karachi, New Delhi, Bombay; Hell sets sent to Mexico, Falkland Islands; CR 100 receivers going to British Honduras and Falkland Isles; Foreign Office has made list of 7 European Posts to receive Hell sets, but no reason given why The Hague, Brussels, Oslo, Stockholm not included; orders placed via Post Office for 20 Hell sets for CRO (destination Johannesburg, Ceylon, Australia, New Zealand) and CO.</p>
<p>Ref. 20C</p> <p>"other mfrs"</p>	<p>Part of the Minutes of 5th meeting of the C.O.I. Hellschreiber Working Committee, 30th June 1948, 4 pages. Summary: relay/amplifier of Marconi is "general purpose" model for high-speed telegraphy, appears to have very good performance, and has more features than the Pye model that was built to PO specs and performed equally well; installation of Hell equipment at West European Posts still under discussion in the C.O.I - F.O. Overseas Production Conference; telex now available at Brussels and The Hague, soon at Oslo, and possibly usable in combination with the LPS; a Marconi model CR 100 receiver was reconditioned by Palace Electrical Company, examined by Post Office engineers and deemed satisfactory; Hellcasts to India started 28th June 1948, with good reception in Karachi; daily test performed 10-15 May 1948, 100% reception in Caracas, Bogota, Panama, Buenos Aires, Ottawa; poor reception in Santiago, even by local Reuters office (unless using remote antenna outside town); thermionic relay (amplifier) of Panama has failed; FO considers test not successful as reception not 100% at all Posts and all seasons; recommendation for transmission times & frequencies for the Americas.</p>