

Thomson Broadcast Moroccan Radio transmitter contract Win with the new S7HP neo transmitter range

Conflans Sainte Honorine, FRANCE — 11 September, 2015 — Thomson Broadcast today announced that it has been awarded a major contract to supply the government-run radio organization SNRT (Société Nationale de Radiodiffusion et de Télévision) with a medium-wave radio transmission system.

Thomson Broadcast as a key supplier of turnkey long- and medium wave radio transmission system gets governmental contract from the SNRT to deploy in Ait Melloul, in the south of Agadir, a new DRM ready high-power transmission system. Made up of two redundant 400 kW high efficient transmitters working as a passive reserve, the global reliability of the system is reinforced by a dual exciter configuration which guarantees the continuous availability of the radio signal.

Thanks to a team of experts, Thomson Broadcast is also offering complete services including installation and commissioning, civil work, and refurbishment of the feeder and the antenna tuning. For the best efficient maintainability, Thomson Broadcast engineers will also train SNRT technical teams on site. With a clear sustainable system in mind, Thomson's solutions aimed at offering a high complete energy efficient system adapted for the best global cost of ownership.

"We are honored to be once again selected as the most cost efficient primary partner for this important new venture in Morocco radio broadcasting, a new service that will reach a large percentage of the Moroccan population with our new radio transmitter line S7HP neo. Many radio stations have indeed been deployed by Thomson Broadcast in the past" says Pascal Veillat Chairman of Arelis Group and Thomson Broadcast. "With more than 15% of our turnover invested in Research & Development, Thomson has been developing during the last 3 years new medium- and long- wave specific transmission solutions for the defense industry. Based on these field-proven successes, we are launching a new DRM-ready long- and medium-wave radio S7HP neo transmitter range which will be first installed in Ait Melloul" adds Pascal Veillat.

The new S7HP neo range provides the highest reliability while embedding all latest Thomson technology innovations. The interface wirings have been replaced by an optical fiber control system to simplify interconnections, ease maintenance interventions and guarantee a large immunity to environmental electromagnetic radiations. With a long history of cutting edge technology pioneer, Thomson Broadcast is strongly increasing the energy efficiency of its new transmitter line with the integration of Silicon Carbide transistors (SiC). Indeed half as much power modules are now required for the same output power.

To reinforce the system reliability, two field proven features have been integrated. The auto hot pluggable system secures the replacement of default modules even in case of multiples failures avoiding any manual maintenance operations. Moreover the rotation of active amplifier modules enhances the outstanding reliability as equal workload is applied to all amplifier modules and thus guaranteeing less thermal stress and permitting a longer lifetime. Specifically for the Moroccan transmission system, chillers are integrated to withstand temperatures up to 50°C and allows long equipment life.

More information about Thomson Broadcast and its products is available at www.thomson-broadcast.com or by phone at +33 1 34 90 31 00.

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About Thomson Broadcast

Since the earliest years of broadcasting, the Thomson name has been synonymous with expertise and innovation at the highest level. A trusted partner to the world's leading broadcasters, Thomson has pioneered many developments that have shaped the broadcast industry. Thomson Broadcast is building on this great heritage with a market-leading portfolio of transmission products for terrestrial television, radio broadcasting, and state-of-the-art products for scientific applications, combined with world-class systems integration services. With more than 50,000 active Thomson transmission systems deployed worldwide and a global support presence, Thomson Broadcast continues to forge technologies for the future, with initiatives such as broadcast/mobile convergence programs and innovative autonomous solar transmission systems. In 2013 Thomson Broadcast was acquired by Arelis Group, a French industrial key player mainly involved in military activities. As part of the Arelis Group, Thomson Broadcast has an excellent platform for growth and development as a world-leading manufacturer of television and radio transmitter complete systems and cutting-edge energy systems.

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