

ANTENNAE

MODERNIZATION
an economic necessity!

A large satellite dish antenna is shown in silhouette against a bright, orange and yellow sunset sky. The dish is mounted on a complex support structure with ladders and walkways. The background shows a dark horizon line with some distant hills or mountains.

NEYRPIC

GECALSTHOM

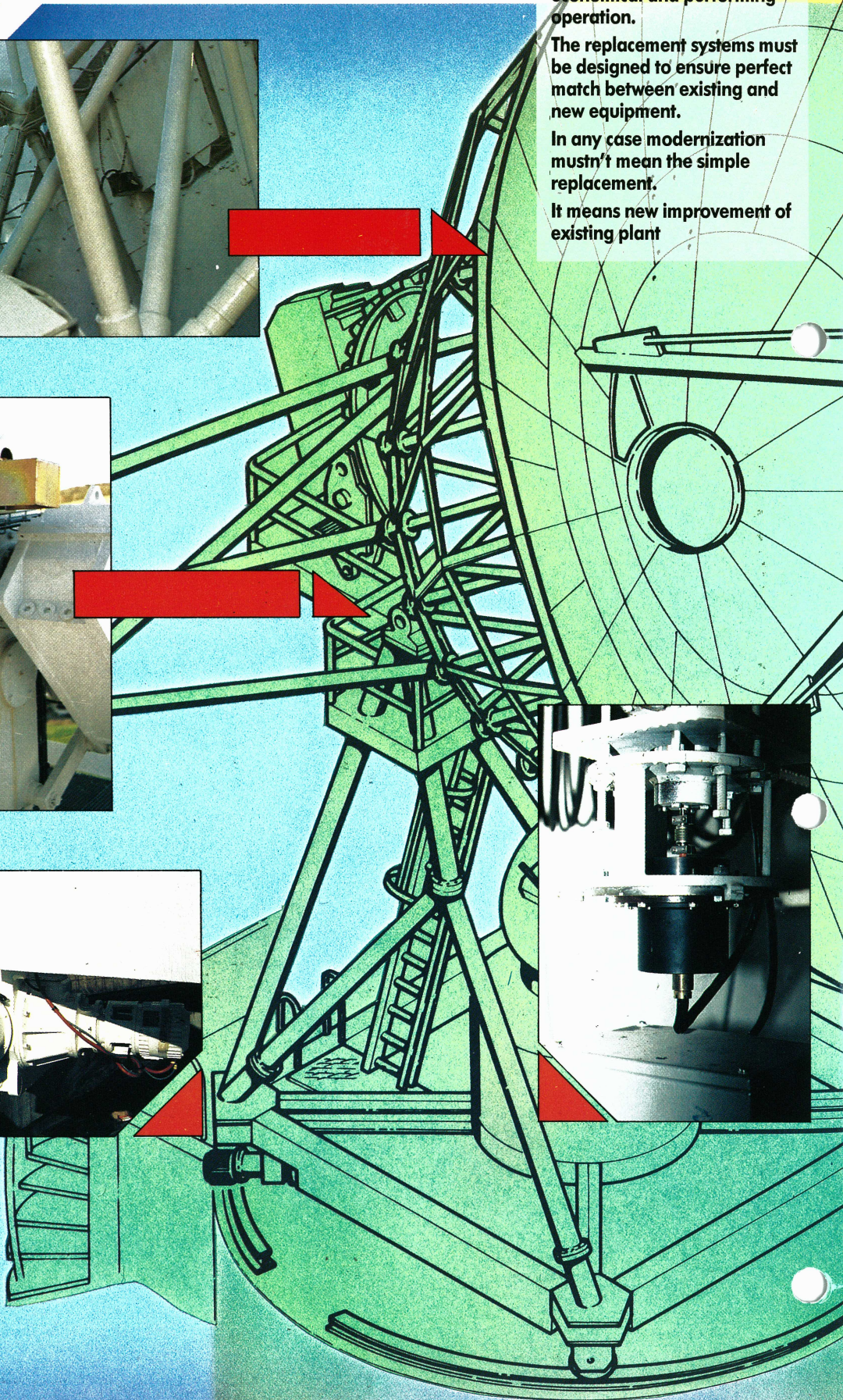
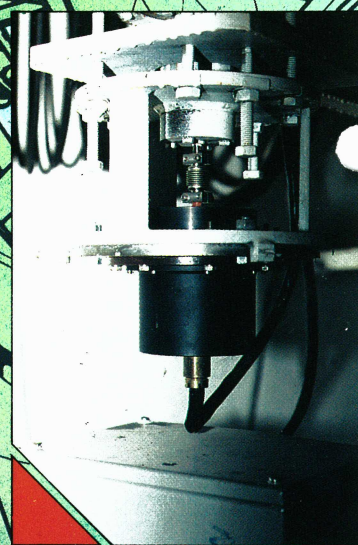
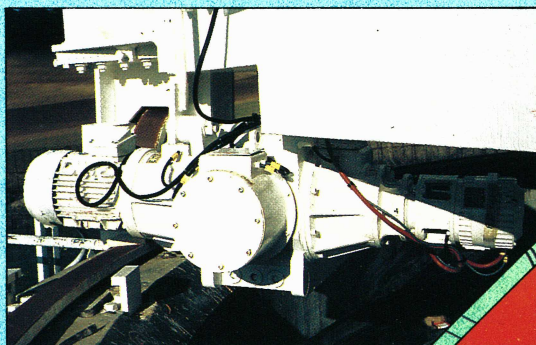
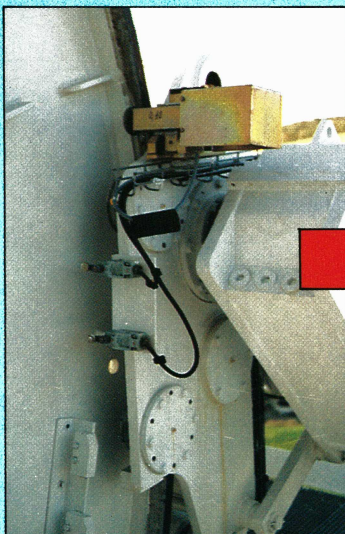
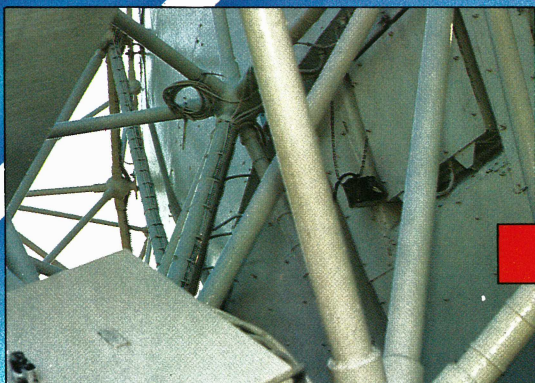
WHAT DOES MODERNIZATION MEANS ?

Modernization means the appropriate replacement of all or part of an old system, that for many reasons no longer meets the today's operational requirements, by other systems of advanced technology ensuring reliable, economical and performing operation.

The replacement systems must be designed to ensure perfect match between existing and new equipment.

In any case modernization mustn't mean the simple replacement.

It means new improvement of existing plant

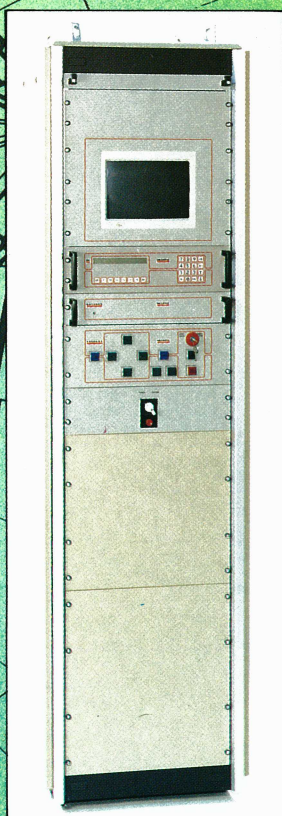


Each plant represents a particular case and requires a specific study conducted by qualified and experienced staff in order to find the optimum solution.

So, the best modernization plan always requires a close cooperation between you and NEYRPIC.

Any offer starts with

EXPERTISE
EXPERTISE
EXPERTISE



HOW TO MODERNIZE ?

Partial replacement of servo-system

This is the most frequent case :

- When electronic is unreliable
- When this electronic is incompatible with a modern use.
- When the spare parts are difficult to be found.

WE CHANGE ONLY :

- ACU (Antenna Control Unit)
- Motor Controller
- Coders and resolvers
- Tracking receiver
- Cable and wire between these units.

Complete replacement of servo-system

You have this case :

- When the kinematic system is too old to be correctly used.
- When the quality of tracking is decreasing.
- When maintenance is becoming expensive

WE REPLACE (ADD TO 1)

- Azimut motor
- Elevation motor
- Limit switches
- Brakes and clutches
- Cable and wire between all these units

Replacement of all corroded parts , or all parts which seem to be inoperative

This is usually the case for old antenna (about 20 years old), mainly if the station has operated in severe climatic conditions.

(jungle, sea , snow...)

This also applies to huge antenna (standard A) which is hardly replaced by a new one because of money.

WE REPLACE (ADD TO 1 AND 2)

- All corroded metallic frame
- oil and lubricating devices

- and all parts which need to be changed (checked during expertise)

WE CAN ALSO PROVIDE A :

- complete wash and cleaning of the antenna
- painting for all the antenna

LOW COST HIGH RELIABILITY BEST PERFORMANCE EXCELLENT PROFIT-EARNING

These servo-systems, which seemed to be hi-tech, and top level at the commissioning of the station, are nowadays obsolete and not efficient for users.

Technologic evolution improves continually tracking system performance.

According to this point and regarding money, it's essential to modify, to complete, to improve, to modernize the servo-system.

Experience easily proved that modernizations are profitable for users and they are rapidly paying off.

NEYRPIC has been working now for more

than 15 years in the telecommunication world. Specialist of servo-system and tracking system, it is now also a specialist for modernization.

NEYRPIC can offer you :

- a complete range of servo-systems
- design engineering
- training course

So, whatever your problem may be, you can rely on NEYRPIC to find a solution. Do not hesitate to contact us !



GECALSTHOM

Division Electromécanique

NEYRPIC

75, rue Général-Mangin - BP 75 X 38041 GRENOBLE CEDEX 09 - FRANCE - Tél. (33) 76 39 30 00 - Télex 320 750 F - Téléfax : (33) 76 39 34 55

NEYRPIC reserves itself the right to modify the characteristics of its products without prior notification.

Manual n° 2022 A