

1968 NASA AUTHORIZATION

TYPES OF COMMUNICATION SYSTEMS USED AT KSC

DIRECT MISSION SUPPORT

OPERATIONAL INTERCOMMUNICATIONS SYSTEM(OIS)
 OPERATIONAL TELEVISION (OTV)
 POINT-TO-POINT TELEPHONE
 CABLE PLANT AND ASSOCIATED EQUIPMENT
 OFF-SITE INTERFACES
 TEST AND SWITCHING CENTER
 COMMUNICATIONS CONTROL

INDIRECT MISSION SUPPORT

ADMINISTRATIVE TELEPHONE
 ADMINISTRATIVE INTERCOM
 MOBILE RADIO
 PUBLIC ADDRESS (PA) AND PAGING
 TELETYPE
 FACSIMILE
 RECORDING
 BROADCAST VAN
 NEWS CENTER
 TELEVISION FOR SECURITY AND VISITOR
 INFORMATION CENTER

Types of KSC Communications Systems

TYPICAL USES OF DIRECT
SUPPORT COMMUNICATION SYSTEMSOIS

COMMUNICATIONS DURING:

- . UNLOADING OF NEWLY ARRIVED VEHICLE AND HARDWARE
- . STACKING IN VAB
- . CHECKOUT OPERATIONS IN VAB
- . TRANSFER TO PAD
- . CHECKOUT AT PAD
- . COUNTDOWN, LAUNCH AND POST LAUNCH OPERATIONS
- . SCAPE SUIT OPERATIONS

OTV

MONITOR TANKING OPERATIONS

MONITOR ENGINE START

MONITOR CRITICAL CLEARANCES DURING LAUNCH

MONITOR PAD PERIMETER FOR SAFETY AND SECURITY

MONITOR HYPERGOLIC AND CRYOGENIC STORAGE AREAS

RECORD SIGNIFICANT EVENTS FOR ANALYSIS AND TRAINING PURPOSES

PROVIDE LIVE PICTURES FOR RELEASE TO NEWS MEDIA

Typical uses of KSC Communications Systems

COORDINATION OF OPERATIONS

- . CONTRACTORS WORK IN INTEGRATED SUPPORT TEAMS.
- . RESPONSIVENESS AND COOPERATION IS KSC MOTTO.
- . TEST AND LAUNCH SUPPORT REQUIREMENTS ARE IDENTIFIED AND PROGRAMMED IN ADVANCE OF NEED SO THAT EACH CONTRACTOR KNOWS WHAT IS EXPECTED OF HIM.
- . MAJOR TEST AND LAUNCHES ARE SIMULATED FIRST TO CHECKOUT EQUIPMENT, AS WELL AS ENSURING THAT SUPPORT PROGRAMMED IS ADEQUATE.

Coordination of Operation