International Symposium of Incident Command System(ICS) **Construction Plan of Ground Forest Fire Fighter** Conduct Manual on Region Area in Korea Lee, Si-Young*, Park, Houng Sek** * Kangwon National University, Korea

Background

- No working-level detailed S.O.P.
- No S.O.P. for night attack.
- A lack of basis for resource arrangements.
- A lack of basis for Collaboration systems between related agencies.
- An obscurity of a terminology, a task and a role



Development of Procedure Model

- Ignition report receive
- Attack
- Extinguishment

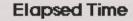


To minimize Damages of Forest Fire



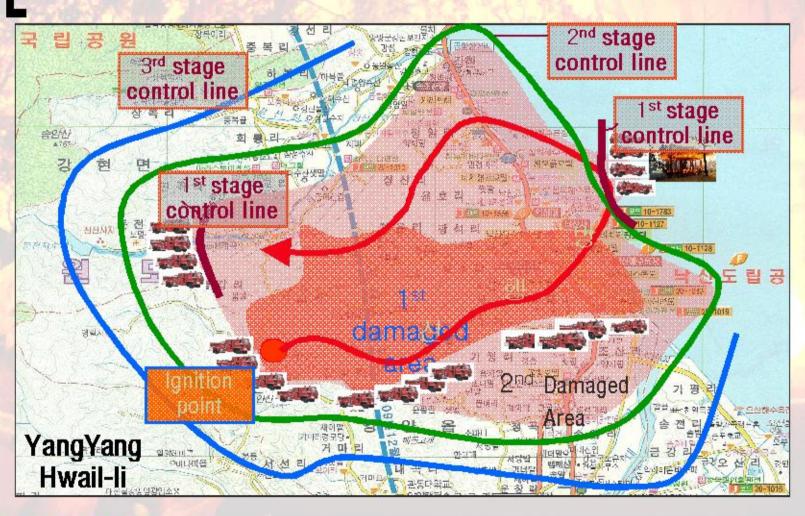
Flowchart of Attack Procedure

Early disposal Ignition stage **Peak Stage** MOP up Stage Stage **Burned Area** Early disposal Attack Extinguishment Report Receive dispatch

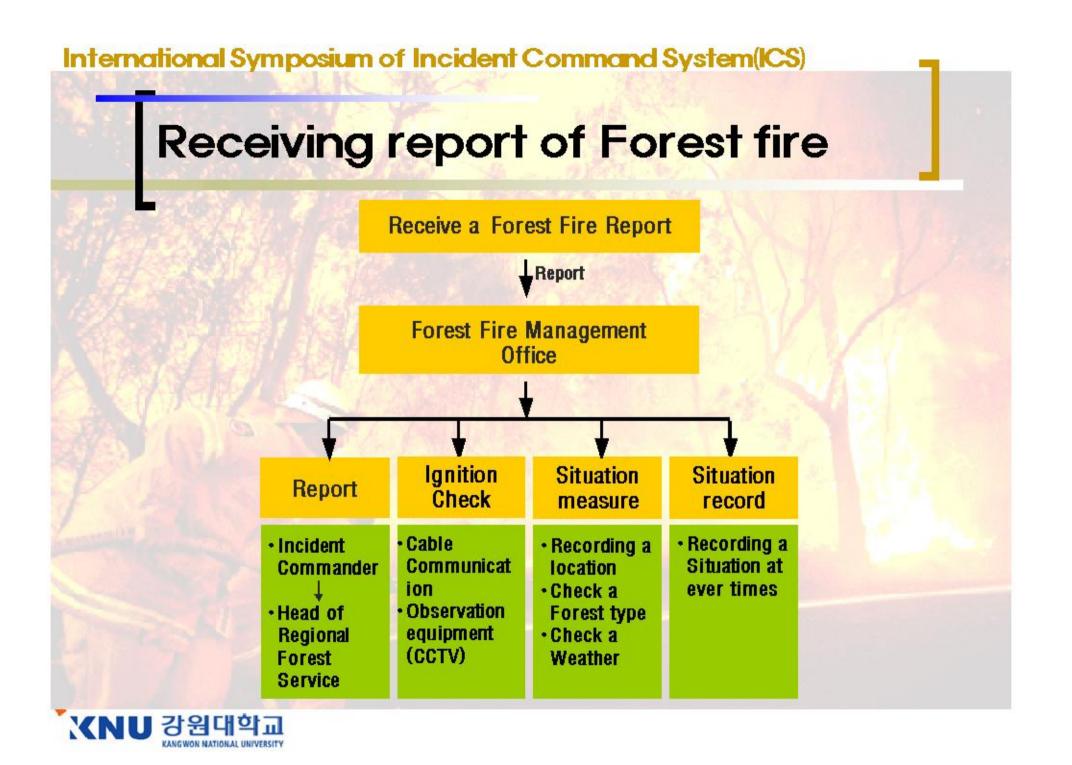




Testablishment of collaborated Incident Commnad system





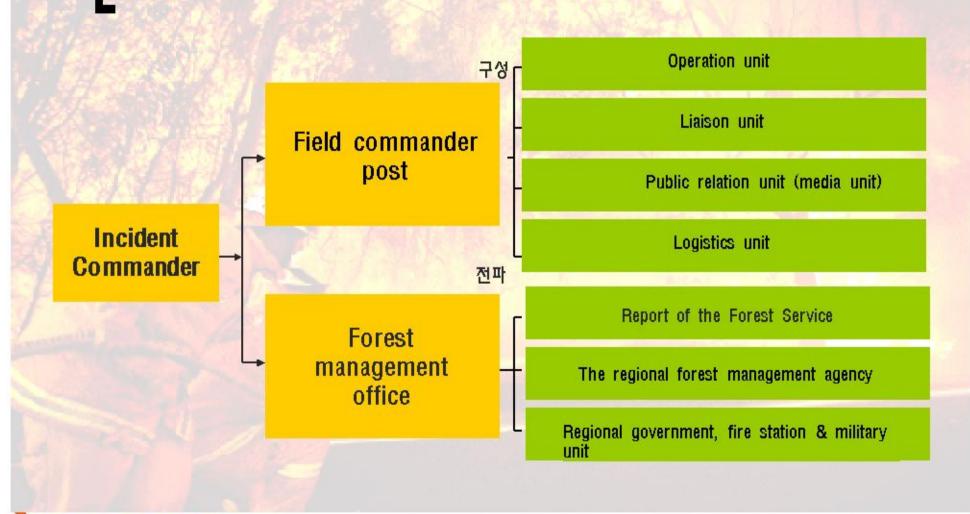


The moving step of an initial firefighter team

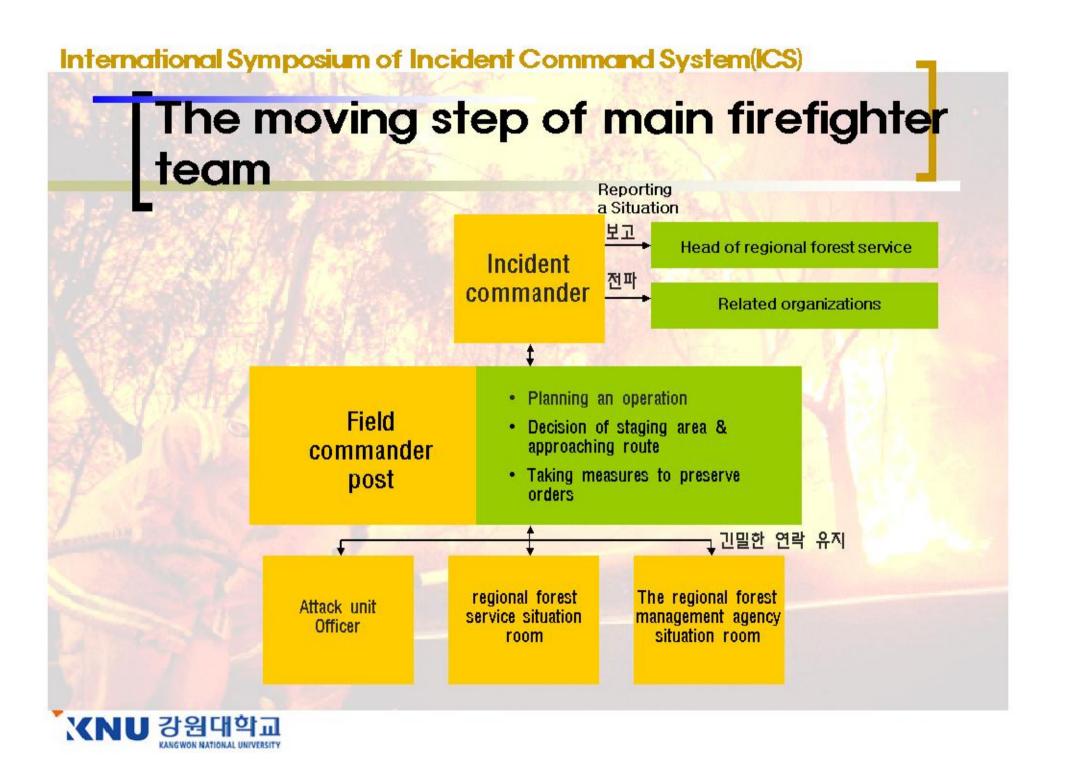




The waiting step of Main firefighter team





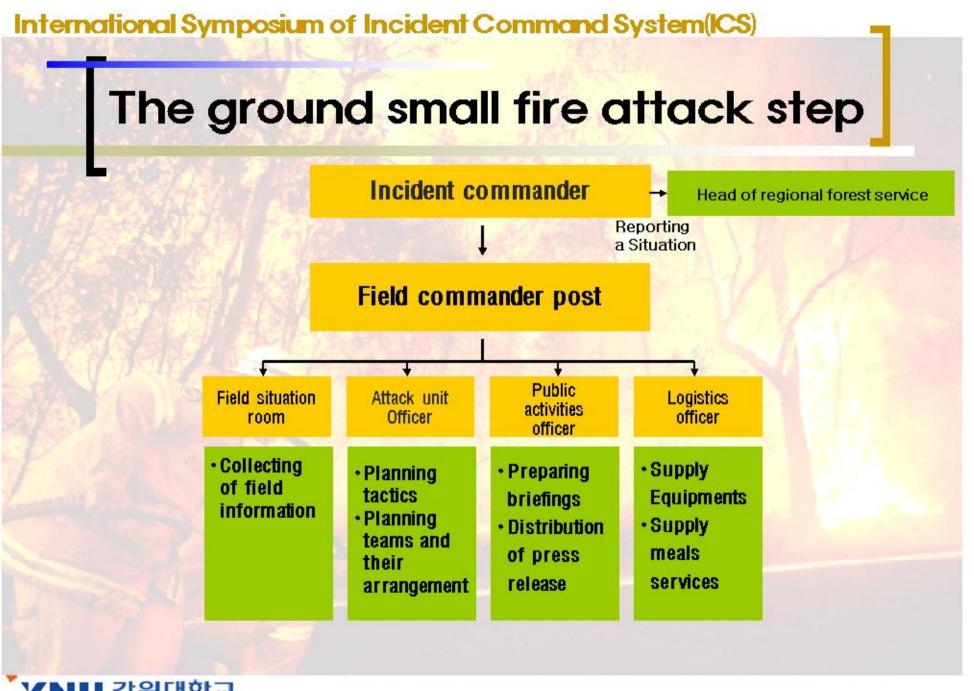


International Symposium of Incident Command System(ICS) The arrival step of Main firefighter team

Incident commander

- Establishment of field commander post
- · Reporting a situation
- . Command of attack
- . Founding the chain of command
- Effective information service







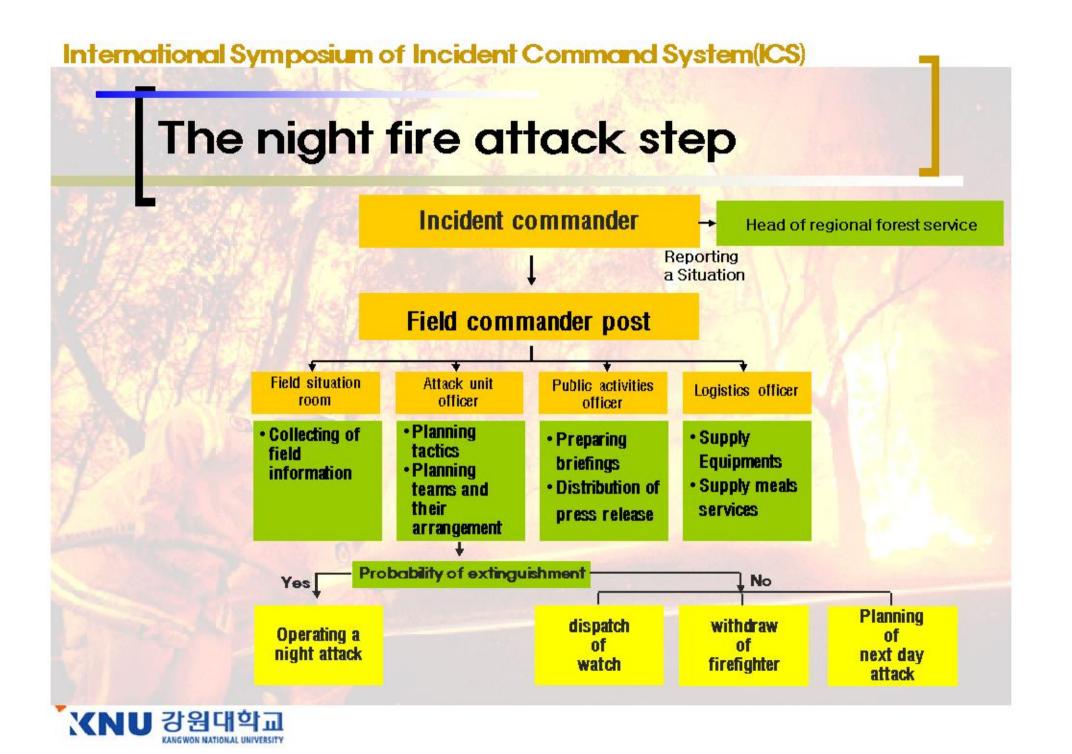
The Phase of interface step of large fire



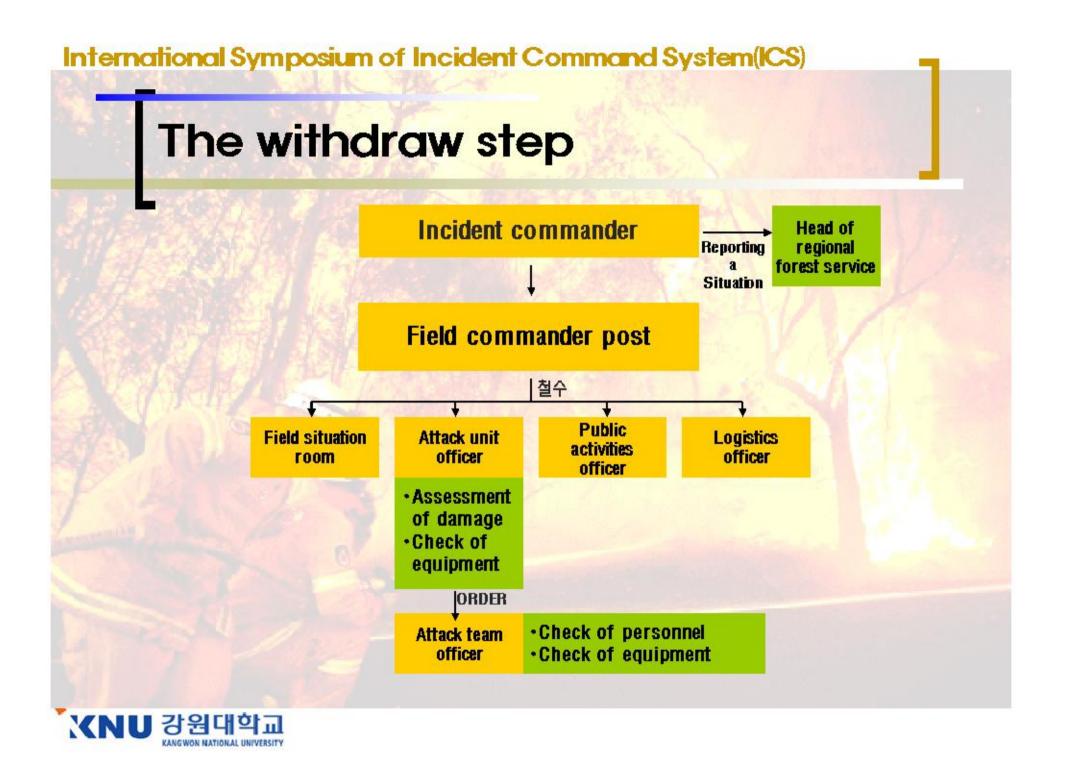


International Symposium of Incident Command System(ICS) The large fire attack step 현장대책본부장 시 도지사 관리소 시.군 상황실 상황실(본부) 진화상황공조 진화상황공조 접수및전파 접수및전파 京全全式 후속조치 유관기관협의회 홍보대책반 소방, 군, 경찰 등 시. 군/지방청 보도자료/주민대피 상황전파 영상자료확보 후속조치 지상진화반 공중진화반 상황총괄반 보급지원반 항공관리소담당 시. 군/지방청 시.군수/지방청장 관리소장/산림과장 전체상황분석 지상진화지휘 진화장비지원 헬기통합지휘 헬기공역지정 급식지원 유관기관협조 진화자원배치 진화전략수립 진화임무부여 공중통신유지 의료구호지원 통합지휘보좌 진화지역배정 급수지역지정 지원상횡정리 반별자원배정 산불상황전파 지원물품회수 지상통신유지 반별임무조정 헬기착륙장관리 지상교통정리 진화차량관리 상급기관보고 숙소배정 현장주차정리 진화급수지원

강원대학교



International Symposium of Incident Command System(ICS) The seed fire attack step Reporting Reporting Incident Regional a Situation a Situation forest service forest service commander Field Attack **Attack Attack** commander order order order team unit team post Officer officer · Observing of Establishment seed fire of attack line · Walk & · Dispatch a finding on team to burnt area watch · Report & · Report of attack when damages they find new ignitions XNU 강원대학교



Conclusion

- Necessary of ground fire fighter field detailed manual
- Definition of authorities and responsibilities of Incident commander (IC)
- Need a promoting of effectiveness of command system
- Collaborated response between related organizations was important



