



大韓檢査技術株式會社

KOREA INSPECTION & ENGINEERING CO.,LTD

ULTRASONIC EXAMINATION REPORT

초 음 파 탐 상 검 사 보 고 서

REPORT NO : CWO-U220418-03

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DATE : 2022. 04. 18.

CUSTOMER 주 문 주 (주)명성엔지니어링				PROJECT NAME 공사명 연호고가교외 2개소 정밀안전진단용역				
CLIENT 발 주 처 동부순환도로주식회사				CODE/PROCEDURE KS D 0896 규정/절차서 KIE - TP - U390				
ITEM NAME 품 명 범안대교 (Box형 강교)				DRAWING NO. 도면번호 N / A		REV. NO. 개정번호		
HEAT NO. 인식번호/제작번호 N / A				JOB/CONTRACT NO. 계약번호 N / A				
MATERIAL 재 질 C / S				THICKNESS 두께 12 ~ 24 mm				
EQUIPMENT: 장 비 TYPE 종류 D-20, USM35DAC				I.D. NO. 식별번호 KIE-UF-0059,0055		MAKER 제작처 SONATEST, GE		
TRANSDUCER:	ANGLE 각도	TYPE 종류	FREQ 주파수	SIZE	S/N 일련번호	CABLE TYPE/LENGTH		
탐촉자 1	0°	MB4S	4MHz	Ø 10mm	57749-52978	MKLL-II / 1.5M		
탐촉자 2	0°	MB4S	4MHz	Ø 10mm	57749-53371	MKLL-II / 1.5M		
탐촉자 3	70°	MWB70-4	4MHz	8*9 mm	86929-59643	MKLL-II / 1.5M		
탐촉자 4	70°	MEGA	4MHz	10*10mm	MAT0608008	MKLL-II / 1.5M		
TECHNIQUE:				☒ STRAIGHT BEAM ☒ ANGLE BEAM ☒ CONTACT ☐ IMMERSION 탐상법 수직법 사각법 접촉법 수침법				
CALIBRATION BLOCK TYPE/Sr No. STB-A1, STB-A2 R.B-4 NO.1				SPECIAL SEARCH UNIT: (탐촉자 보호물) ☒ WEDGES(뿔기) ☒ SHOES(슈우)				
LINEARITY: AMP-CONTROL dB-CONTROL 증폭성(데시벨조정) 직진성 within ± 1% within ± 3%				SURFACE CONDITION 표면상태 ☐ ROLLING ☐ FORGED ☒ WELDED ☐ GROUND				
COUPLANT TYPE 접촉매질 ☐ GLYCERIN ☒ CMC ☐ OIL ☐				EXAMINATION DATE/TIME 시험일자/시간 2022.04.11 ~ 2022.04.15				
IDENT. NO. 식별 번호	Ac 합격	Rj 불 합격	LOCATION 위 치 FROM	LENGTH 길이	WIDTH 폭	DEEP 깊 이	DAC MAX 보상곡선 최대	REMARKS 비고
G1-S1-P1	V		NO RECORDABLE INDICATION					범물동방향
G1-S1-P2	V		NO RECORDABLE INDICATION					범물동방향
G1-S2-P3	V		NO RECORDABLE INDICATION					범물동방향
G1-S2-P4	V		NO RECORDABLE INDICATION					범물동방향
G1-S3-P5	V		NO RECORDABLE INDICATION					범물동방향
G1-S3-P6	V		NO RECORDABLE INDICATION					범물동방향
G1-S4-P7	V		NO RECORDABLE INDICATION					범물동방향
G1-S4-P8	V		NO RECORDABLE INDICATION					범물동방향
G1-S5-P9	V		NO RECORDABLE INDICATION					범물동방향
G1-S5-P10	V		NO RECORDABLE INDICATION					범물동방향
EXAMINED BY: 시 험 자 김 규 타				EXAMINATION AMOUNTS		☐ CUSTOMER 주문주 ☐ CLIENT 발주처		
APPROVED BY: 승 인 자 장 동 환				기 사 LEVEL 등급 기 사 LEVEL 등급		AUTHORIZED (NUCLEAR) INSPECTOR 공인 (원자력) 검사원		



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G1-S6-P12	V		NO RECORDABLE INDICATION					범물동방향
G1-S7-P13	V		NO RECORDABLE INDICATION					범물동방향
G1-S8-P14	V		NO RECORDABLE INDICATION					범물동방향
G1-S9-P15	V		NO RECORDABLE INDICATION					범물동방향
G1-S10-P16	V		NO RECORDABLE INDICATION					범물동방향
G1-S11-P17	V		NO RECORDABLE INDICATION					범물동방향
G2-S1-P1	V		NO RECORDABLE INDICATION					범물동방향
G2-S1-P2	V		NO RECORDABLE INDICATION					범물동방향
G2-S2-P3	V		NO RECORDABLE INDICATION					범물동방향
G2-S2-P4	V		NO RECORDABLE INDICATION					범물동방향
G2-S3-P5	V		NO RECORDABLE INDICATION					범물동방향
G2-S3-P6	V		NO RECORDABLE INDICATION					범물동방향
G2-S4-P7	V		NO RECORDABLE INDICATION					범물동방향
G2-S4-P8	V		NO RECORDABLE INDICATION					범물동방향
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G2-S11-P17	V		NO RECORDABLE INDICATION					범물동방향
G3-S1-P1	V		NO RECORDABLE INDICATION					범물동방향
G3-S1-P2	V		NO RECORDABLE INDICATION					범물동방향
G3-S2-P3	V		NO RECORDABLE INDICATION					범물동방향
G3-S2-P4	V		NO RECORDABLE INDICATION					범물동방향



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G3-S11-P17	V		NO RECORDABLE INDICATION					범물동방향
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G5-S1-P2	V		NO RECORDABLE INDICATION					범물동방향
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G1-S1-P2	V		NO RECORDABLE INDICATION					도동방향
G1-S2-P3	V		NO RECORDABLE INDICATION					도동방향
G1-S2-P4	V		NO RECORDABLE INDICATION					도동방향
G1-S3-P5	V		NO RECORDABLE INDICATION					도동방향
G1-S3-P6	V		NO RECORDABLE INDICATION					도동방향
G1-S4-P7	V		NO RECORDABLE INDICATION					도동방향
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G3-S2-P3	V		NO RECORDABLE INDICATION					도동방향



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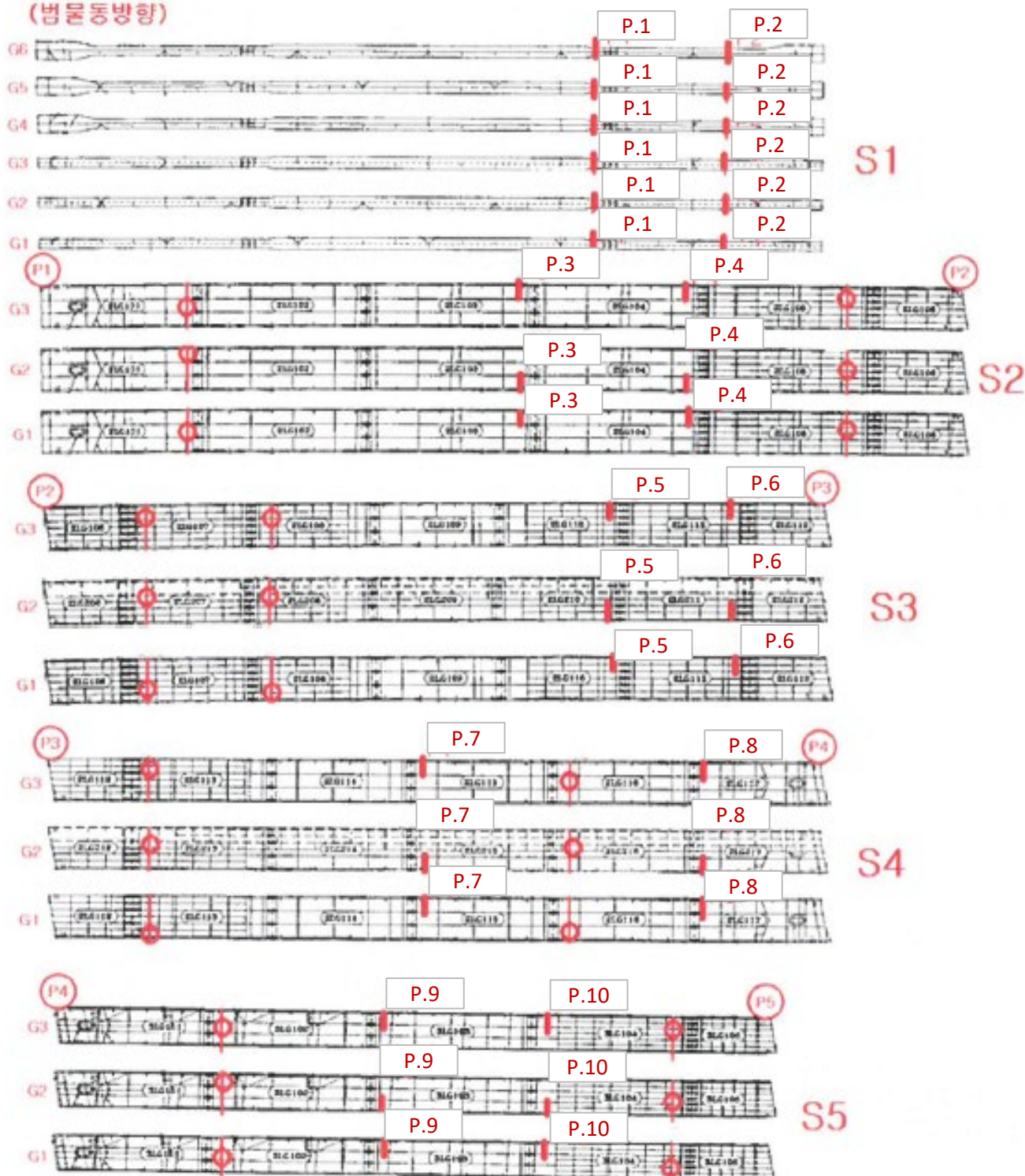
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(범물동방향)





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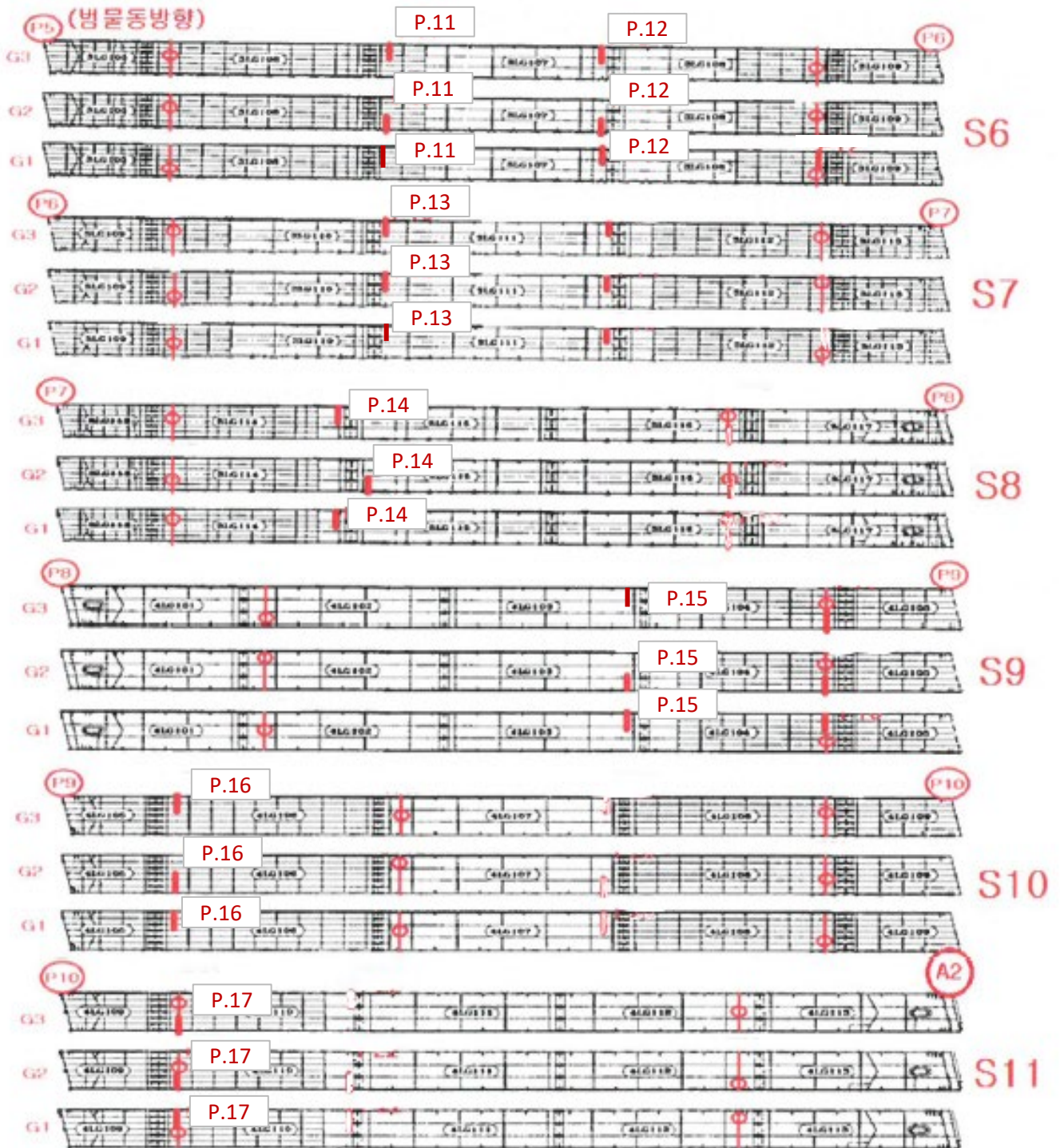
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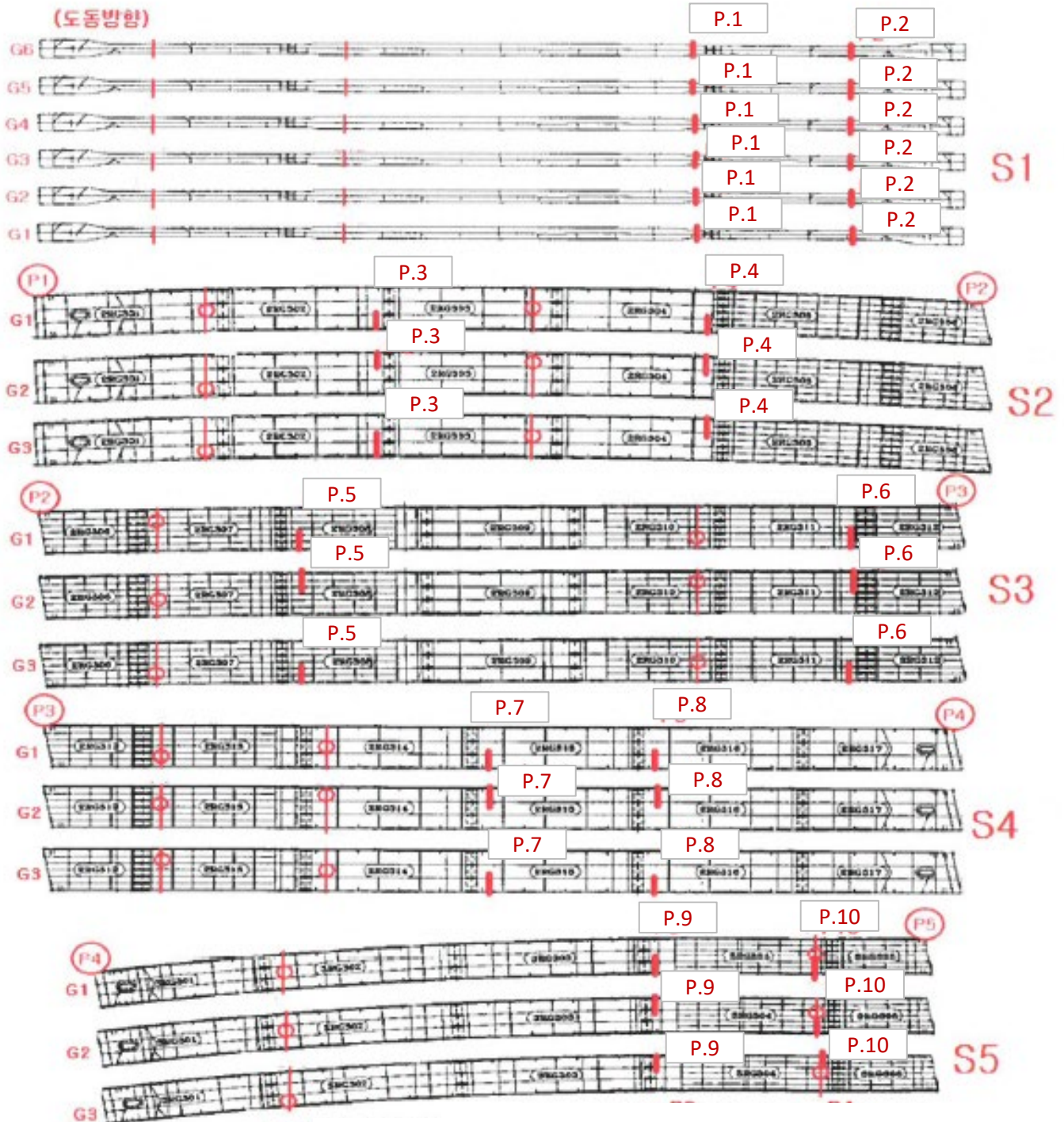
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