

Charles Ingram Stanton, Sr. Papers - Civil Aeronautics Administration, Provisional International Civil Aviation Organization

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COT Division, 1st Session-Final Report 55 APPENDIX A TO PART 1 DEVELOPMENT PROJECTS CONSIDERED, WITH SPONSORS AND FREQUENCY BANDS OCCUPIED 1.-FINAL APPROACH AND LANDING [[3 columned table]] | Project | Frequency | Sponsor | |---|---| \mid 1.1.-Teleran. \mid 1,000 Mc/s. or lower (not critical) for television. 3,000 Mc/s. for surveillance. 10,000 Mc/s. for GCA. \mid U.S. (R.C.A.) \mid | 1.2.-Improved microwave system providing error free paths, linked to the automatic pilot and enabling selection of slide path to be controlled from within the aircraft. | 5,000 Mc/s. | U.S. (Sperry). U.K. (M. of S.) | | 1.3.-Investigation into the psycho-physiological aspects of instrumentation. | Not applicable. | U.S. (U.S. AAF.) U.K. (M. of S.) | | 1.4.-Investigation into the use of leader cable for aircraft guidance on the airfield and possibly on the landing path. | Audio frequencies. | U.K. (M. of S.) | | 1.5.-Navar. | 1,000 Mc/s. 3,000 Mc/s. and 100 Mc/s. | U.S. (Federal). | 2.-SHORT-DISTANCE RADIO AIDS TO NAVIGATION AND AIDS TO AIR TRAFFIC CONTROL [[3 columned table]] 2.1.-Sperry co-ordinated air traffic system. | 5,000 Mc/s. | U.S. (Sperry). | 2.2.-Teleran. | 1,000 Mc/s 3,000 Mc/s and 10,000 Mc/s. | U.S. (R.C.A.) | 2.3.-Navar. | 1,000 Mc/s 3,000 Mc/s and 100 Mc/s. | U.S. (Federal). | | 2.4.-Lanac. | 1,000 Mc/s. | U.S. (Hazeltine Electronics Corporation). | | 2.5.-G.R.S. Block System. | 1,000 Mc/s. | U.S. (General Railway Signal Co.) | | 2.6.-Decca Navigation System. | Spot frequencies between 70 and 130 kc/s. | U.K. (Decca Navigator Co.) |

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APPENDIX :	A TO PART 1 -	
DEVELOPMENT PROJECTS CONSTRUKED, WITH 1.—Final Arrest Project	ACE AND LANGEST	
L.L.—Telemen	Property	Spenur
W. W. W.	1,000 Me/s or lower fact critical) for television. 1,000 Me/s, for served laste. 93,000 Me/s for GCA.	U.S. (R.C.A.)
1.2—Improved microwave system providing error too parts, helest on the automatic plint and enabling selec- tion of glote path in he controlled from within the air- mats.	3.800 Mc/s.	ER SETA
 I.S.—Investigation two the psycho-physiological aspens of instrumentation. 	Not applicable.	DS (US AAF) UR (Mar S)
1.4.—Investigation into the use of hader calls be aircraft guidance us, the aircraft and possibly on the landing path.	Awito frequencies.	U.K. (M. of S.)
1.4.—Nange	2.000 Me/s. 2.000 Me/s. and 100 Me/s.	U.S. (Federal).
1.—SRORT-DISPASOR RAISO Arm 27 NAVIGA	cross and Arms to Am Tax	resc Corners
1.1.—Sperry or unfinated air traffic system.	5,000 34c/s.	U.S. (Sperry).
1.1.—Telema.	1,000 Ma/a 3,000 Ma/a and 10,000 Ma/a.	US (R.CA)
J.L.—Nanor.	1,000 Mo/s. 3,000 Mo/s. and 100 Mo/s.	U.S. (Folend).
PA-Eansc	1,000 Mo/s.	U.S. (Hawitine Electronic Corporation).
2.5,G.R.S. Hock System.	1,000 \$65/s.	U.S. (General Radinar Signal Co.)
2.6.—Decta Navigorine System.	Spot frequencies between 76 and 130 kg/s.	U.K. (Deena Navigator Ca.
 Microwave airborne search radar (with precision for use with beauties). 	10,000 Me/s.	U.S. (General Electric Ca Blource-Raytheon Corp. Sperry). U.K. (H. of S.)
I.LConduc.	100 Mz/s.	U.R. (S.T. & C.)
1.6.—Polse-place accents.	416-450 Ma/s.	U.K. (N. 6/5)
3.—Loss-Durason 3	NAVIOATIONAL STOTUMS	
11-VLF Decra	Spot frequencies between 30-20 kg/s.	U.S. (Decce Nurigator Co.
3.2.—Nanaglobe.	78-100 kc/s.	U.S. (Federal).
11P.D.P.I.	300 kg/s.	U.K. (M. of S.)
3.4.—LF Orestrange.	180-580 ker/s-	US (CAL)

| 2.7.-Microwave airborne search radar (with provision for use with beacons). | 10,000 Mc/s. | U.S. (General Electric Co., Houston-

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Raytheon Corp., Sperry). U.K. (M. of S.)|

| 2.8.-Condar. | 100 Mc/s. | U.K. (S.T. & C.) |

| 2.9.-Pulse-phase azimuth | 420-450 Mc/s. | U.K. (M. of S.) |

3.-LONG-DISTANCE NAVIGATIONAL SYSTEMS

[[3 columned table]]

| 3.1.-VLF Decca. | Spot frequencies between 10-20 kc/s. | U.K. (Decca Navigator Co.) |

| 3.2.-Navaglobe. | 70-100 kc/s. | U.S. (Federal). |

| 3.3.-P.O.P.I. | 300 kc/s. | U.K. (M. of S.) |

| 3.4.-LF Omnirange. | 100-500 kc/s. | U.S. (C.A.A.)
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