

ISS	1	2	3	4	5	6	7	8	9	10
CDR	Shepherd	Usachev	Culbertson	Onufriyenko	Korzun	Bowersox	Malenchenko	Foale	Padalka	Chiao
FE-1	Krikalev	Voss	Tyurin	Bursch	Whitson	Budarin	Lu	Kaleri	Fincke	Sharipov
FE-2	Gidzenko <sup>1</sup>	Helms	Dzhurov <sup>1</sup>	Walz	Treschev	Pettit	2-PERSON CARETAKER CREWING			
ISS-1 CREW WERE DELIVERED VIA SOYUZ AND RETURNED VIA SPACE SHUTTLE										
FROM ISS-2 THROUGH ISS-5 CREW MEMBERS WERE DELIVERED AND RETURNED VIA THE NASA SHUTTLE.										
ISS-6 WERE LAUNCHED ON THE SHUTTLE BUT DUE TO THE GROUNDING OF THE FLEET DUE TO LOSS OF COLUMBIA RETURNED VIA SOYUZ										

- <sup>1</sup>Designated ISS-Pilot *not* Flight Engineer

AMERICAN	RUSSIAN	EUROPEAN	CANADIAN	JAPANESE
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ISS	11	12	13	14	15	16	17	18	19	20
CDR	Krikalev	McArthur	Vinogradov	Lopez-Alegria	Yurchikhin	Whitson	Volkov S.	Fincke	Padalka	Padalka
FE-1	Phillips	Tokarev	Williams J.	Tyurin	Kotov	Malenchenko	Kononenko	Lonchakov	Barratt	Barratt
FE-2	2 PERSON CARETAKER CREWING			Reiter	Williams S.	Anderson C.	Reisman	Chamitoff	Wakata	Wakata
				Williams S.	Anderson C.	Tani	Chamitoff	Magnus		Kopra
						Eyharts		Wakata		Stott
						Reisman				
FE-3	STARTING WITH ISS-14 and ENDING WITH ISS-21 FLIGHT ENGINEER 2 WAS DELIVERED								Romanenko R.	
FE-4	AND RETURNED VIA NASA'S SPACE SHUTTLE								Thirsk	
FE-5									DeWinne	

ISS	21	22	23	24	25	26	27	28	29	30
CDR	DeWinne	Williams J.	Kotov	Skvortsov	Wheelock	Kelly S.	Kondratyev	Borisenko	Fossum	Burbank
FE-1	Surayev	Surayev	Skvortsov	-	Kaleri	Kaleri	Samokutyayev	Samokutyayev	Shkaplerov	Shkaplerov
FE-2	Stott	-	Caldwell-Dyson	Caldwell-Dyson	Skripochka	Skripochka	Borisenko	-	Ivanishin	Ivanishin
FE-3	Romanenko R.	-	Kornienko	Kornienko	Kelly S.	-	Garan	Garan	Burbank	-
FE-4	Thirsk	Kotov	-	Wheelock	-	Kondratyev	-	Volkov S.	Volkov S.	Kononenko
FE-5	Williams J.	Noguchi	Noguchi	Yurchikhin	Yurchikhin	Nespoli	Nespoli	Furukawa	Furukawa	Kuipers
FE-6	-	Creamer	Creamer	Walker S.	Walker S.	Coleman	Coleman	Fossum	-	Pettit

ISS	31	32	33	34	35	36	37	38	39	40
CDR	Kononenko	Padalka	Williams S.	Ford	Hadfield	Vinogradov	Yurchikhin	Kotov	Wakata	Swanson
FE-1	Padalka	-	Novitskiy	Novitskiy	Vinogradov	-	Kotov	-	Skvortsov	Skvortsov
FE-2	Revin	Revin	Terelkin	Terelkin	Misurkin	Misurkin	Ryazansky	Ryazansky	Artemyev	Artemyev
FE-3	Acaba	Acaba	Ford	-	Cassidy	Cassidy	Hopkins	Hopkins	Swanson	-
FE-4	-	Malenchenko	Malenchenko	Romanenko R.	Romanenko R.	Yurchikhin	-	Tyurin	Tyurin	Surayev
FE-5	Kuipers	Williams S.	-	Hadfield	-	Parmitano	Parmitano	Mastracchio	Mastracchio	Wiseman
FE-6	Pettit	Hoshide	Hoshide	Marshburn	Marshburn	Nyberg	Nyberg	Wakata	-	Gerst
FE-7							Tyurin	ISS-37 FE-7, 8 & 9 created especially for early launch of ISS 38/39 crew due to requirement to fly and return 2014 Olympic torch		
FE-8							Mastracchio			
FE-9							Wakata			

ISS	41	42	43	44	45 <sup>2</sup>	46	47	48	49	50
CDR	Suraev	Wilmore	Virts	Padalka	Kelly S.	Kelly S.	Kopra	Williams J.	Ivanishin	Kimbrough
FE-1	Samokutyaev	Samokutyaev	Padalka	-	Volkov S.	Volkov S.	Ovchinin	Ovchinin	Ryzhikov	Ryzhikov
FE-2	Serova	Serova	Kornienko	Kornienko	Kornienko	Kornienko	Skripochka	Skripochka	Borisenko	Borisenko
FE-3	Wilmore	-	Kelly S.	Kelly S.	-	-	Williams J.	-	Kimbrough	-
FE-4	-	Shkaplerov	Shkaplerov	Kononenko	Kononenko	Malenchenko	Malenchenko	Ivanishin	-	Novitsky
FE-5	Wiseman	Cristoforetti	Cristoforetti	Yui	Yui	Kopra	-	Onishi	Onishi	Pesquet
FE-6	Gerst	Virts	-	Lindgren	Lindgren	Peake	Peake	Rubins	Rubins	Whitson
FE-7					Padalka	<sup>2</sup> As part of the year-long residency by Kelly S. and Kornienko, Volkov S. arrived aboard Soyuz TMA-18M with VC-18 & joined the resident crew as FE-1. Volkov returned in TMA-18M with Kelly S & Kornienko at the end of their one year mission. After serving as ISS-43 FE-1, then ISS-44 Commander, Padalka moved to the temporary FE-7 slot on the ISS-45 crew prior to his return with the VC-18 crew on TMA-17M.				

ISS	51	52	53	54	55	56	57 <sup>4</sup>	58 <sup>4</sup>	59 <sup>4</sup>	60 <sup>5</sup>
CDR	Whitson	Yurchkhin	Bresnik	Misurkin	Shkaplerov	Feustel	Gerst	Kononenko	Kononenko	Ovchinin
FE-1	Yurchkhin	-	Misurkin	-	Artemyev	Artemyev	Kononenko	-	-	Skvortsov
FE-2	Fischer	Fischer	Vande Hei	Vande Hei	Feustel	-	Saint-Jacques	Saint-Jacques	Saint-Jacques	Parmitano
FE-3	-	Whitson <sup>3</sup>	Acaba	Acaba	Arnold	Arnold	McClain	McClain	McClain	Morgan A
FE-4	Novitsky	Ryazanzky	Ryazanzky	Shkaplerov	-	Prokopev	Prokopev	ISS-58 will be a short duration 3-person crew residency	Ovchinin	-
FE-5	Pesquet	Bresnik	-	Tingle	Tingle	Gerst	-		Hague	Hague
FE-6	-	Nespoli	Nespoli	Kanai	Kanai	Aunon-Chancellor	Aunon-Chancellor		Koch	Koch
FE-7	<sup>3</sup> Whitson remained with ISS-52 as FE-3 when ISS-51 crew Novitsky & Pesquet returned						<sup>4</sup> The Oct 11 2018 failure of Soyuz MS-10 to attain orbit meant Ovchinin [EO57 FE1/EO58 Cdr] & Hague [EO57 & 58 FE2] did not reach the ISS. This required re-planning of the immediate future crewing schedule through EO-60			Skvortsov <sup>5</sup>
FE-8										Parmitano
FE-9										Morgan A
						<sup>5</sup> On their arrival at ISS the EO-61 trio assumed the role of FE 7, 8 & 9 before swopping to FE 1, 2 & for reasons unclear. Morgan stayed as FE9				

ISS	60 <sup>5</sup>	61	62 <sup>6</sup>	63	64	65[A]	65 [B]	65 [C]	65 [D]
CDR	Ovchinin	Parmitano	Skripochka	Cassidy	Ryzhikov	Ryzhikov	Walker S	Hoshide <sup>8</sup>	Pesquet <sup>8</sup>
FE-1	Skvortsov	Skvortsov	Ivanishin	Ivanishin	-	Kud-Sverchkov	-	-	-
FE-2	Parmitano	-	Vagner	Vagner	-	-	-	-	-
FE-3	Koch	Koch	Morgan	-	-	Rubins	-	-	-
FE-4	-	Skripochka	-	Ryzhikov	-	Novitsky	Novitsky	Novitsky	Novitsky
FE-5	Hague	-	Cassidy	Kud-Sverchkov	Kud-Sverchkov	Dubrov	Dubrov	Dubrov	Dubrov
FE-6	-	-	-	Rubins	Rubins	Vande Hei	Vande Hei	Vande Hei	Vande Hei
FE-7	Novitsky	Novitsky	-	-	-	-	-	-	-
FE-8	Meir	Meir	Novitsky	-	-	-	-	-	-
FE-9	Morgan	Morgan	Meir	-	-	-	-	-	-
FE-10	<sup>6</sup> On arrival of EO-62 Morgan moved to FE-3; Novitsky became FE-8 & Meir FE-9			Hurley <sup>7</sup>	Hopkins	Hopkins	Hopkins	-	-
FE-11				Behnken <sup>7</sup>	Glover	Glover	Glover	-	-
FE-12	<sup>7</sup> Hurley & Behnken arrived in Crew Dragon Demo 2 and were originally a visiting crew but were reassigned to assist the short-handed resident crew				Noguchi	Noguchi	Noguchi	-	-
FE-13					Walker S	Walker S	-	-	
FE-14	<sup>8</sup> To find a consecutive set of 4 to group the Crew-2 team together (there was only 1-3, 7-9 available and Walker had been FE-13 before becoming CDR) flight planners assigned FE-14 to FE-17. Hoshide temporarily resumed FE position after his term as ISS-65 CDR				Kimbrough <sup>8</sup>	Kimbrough <sup>8</sup>	Kimbrough <sup>8</sup>		
FE-15					McArthur <sup>8</sup>	McArthur <sup>8</sup>	McArthur <sup>8</sup>		
FE-16					Hoshide <sup>8</sup>	-	Hoshide <sup>8</sup>		
FE-17					Pesquet <sup>8</sup>	Pesquet <sup>8</sup>	-		

ISS	66	67A	67B							
CDR	Shkaplerov	Marshburn	Artemyev							
FE-1	Artemyev	Artemyev	-							
FE-2	Matveev	Matveev	Matveev							
FE-3	Korsakov	Korsakov	Korsakov							
FE-4										
FE-5	Dubrov	-								
FE-6	Vande Hei	-								
FE-7										
FE-8										
FE-9										
FE-10	Chari	Chari								
FE-11	Marshburn	-								
FE-12	Barron	Barron								
FE-13	Maurer	Maurer								
	<sup>9</sup> Shkaplerov arrived on MS-19, while Novitsky returned on MS-18		PENDING							

ISS										
CDR										
FE-1										
FE-2										
FE-3										
FE-4										
FE-5										
FE-6										

